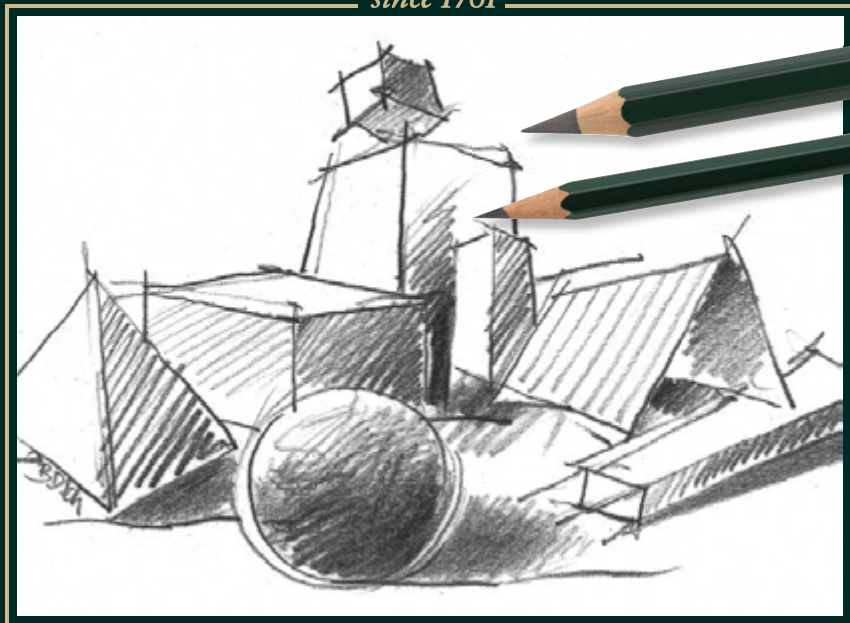




# FABER-CASTELL

since 1761



CASTELL 9000



**New forestry project in Columbia secures the livelihoods of the foresters, the wood supply for Faber-Castell and improves the carbon footprint of other companies through CO<sub>2</sub> certificates**

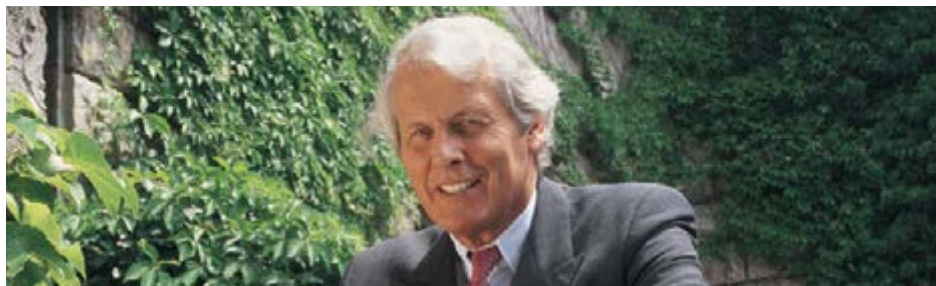
Faber-Castell is strengthening its pioneering role as a CO<sub>2</sub>-neutral group with a new socially exemplary reforestation project in Columbia.

The company is planting seedlings for certified wood on 1,500 hectares of land formerly used for grazing to later use for the production of pens. The farmers, on whose land the wood is being grown, receive part of the proceeds from the timber. As well as promoting climate protection, the project offers farmers an alternative to growing drugs, securing their livelihoods and promoting internal stability in the region. The forestry project is one of the first in the UN programme “Clean Development Mechanism” (CDM), introduced as part of the Kyoto Protocol. As of 2013 Faber-Castell - probably as the first private company worldwide - will be able to trade with CO<sub>2</sub> certificates from plantations.

As a world-leader in wood-cased pencils, 100 % of the wood used by Faber-Castell comes from sustainable forestry, of which more than 95 % is FSC-certified. Natural wood is and remains Faber-Castell’s core area of expertise.

  
 Ökomanager des Jahres 2008 (WWF Deutschland und Capital)





Founded in 1761, FABER-CASTELL has been under the same family's management for eight generations. It has grown from a small handicraft business to an international corporate group with 15 production facilities worldwide, 25 sales companies and about 7000 employees.

### **Faber-Castell stands for quality**

As the oldest and largest company manufacturing wood-cased pencils worldwide, Faber-Castell's Art & Graphic range enjoys a most prestigious reputation among artists and hobbyists. The brand has been prized by eminent personalities from Vincent van Gogh to Karl Lagerfeld. The use of high-quality artists' pigments guarantees a brilliance and colour intensity that lasts for decades. All products are based on the same colour system and thus facilitate reliable mixing techniques for water-soluble and permanent artist pencils.



# Castell 9000



- Outstanding quality pencils
- For writing, drawing and sketching
- Environmentally-friendly water-based varnish
- Wood from sustainably managed forests
- Extra break-resistant lead due to SV bonding
- Available in 16 degrees of hardness



## Explanation of degrees of hardness

- B = Black
- H = Hard
- HB = Hard Black
- F = Firm

8B			Ideal for artistic, pictorial drawing
7B		Extra soft and very deep black For drawings of greatest ink-like impressions of depth	
6B			
5B		Extra soft and very black	
4B		Very soft and very black For a pictorial tonal impression, great depth	
3B			
2B		Very soft and black	
B		Soft and black	
HB		Medium soft and medium black For drawing and writing	Ideal for writing
F			
H		Hard	
2H		Harder	Ideal for technical drawings, for example for precise plans
3H		Very hard	
4H		Extra hard	
5H		Extra extra hard	
6H		Particularly extra hard	



## Pencil Sharpener

- Ergonomic, non-slip GRIP-zone
- With safety screw
- For all popular standard types of pencils

## Eraser

- Ergonomically-formed eraser with protection sleeve to keep fingers clean
- PVC-free high-quality eraser for clean and smudge-free erasing



## Castell 9000 Design Set

- 12 pencils
- Degrees of hardness 5B - 5H

## Castell 9000 Art Set

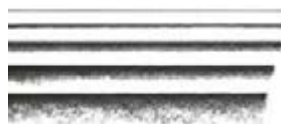
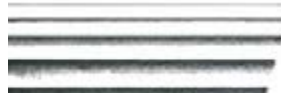
- 12 pencils
- Degrees of hardness 8B - 2H



# Castell 9000 Jumbo



- Ideal for scribbling, sketching, layouting and drafting
- For professional users like artists, architects, graphic designers, cartoonists and designers as well as hobbyists
- The voluminous graphite tip provides a comprehensive range of line widths
- High-quality and even graphite laydown
- Environmentally-friendly water-based varnish
- Extra break-resistant lead due to SV bonding
- Extra strong lead 5.3 mm diameter
- Available in 5 degrees of hardness: HB, 2B, 4B, 6B, 8B



## Degrees of hardness

HB + 2B  
Medium soft and medium black

4B + 6B  
Very soft and black  
For a pictorial tonal impression, great depth

8B  
Extra soft and deep black  
For drawings of greatest ink-like impressions of depth

# Strong companions for drawing

## Kneadable eraser

Ideal for correcting and brightening



## Paper wiper

For smudging and correcting



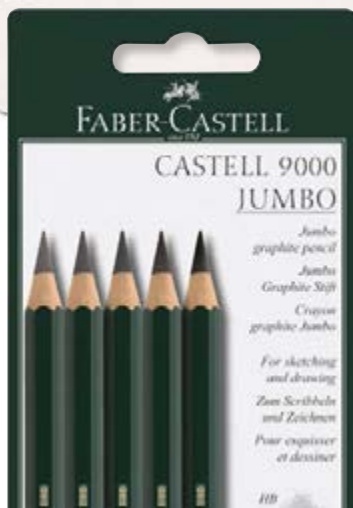
## Art Eraser dust-free

High-quality plastic eraser for smudge-proof, clean and soft erasing



## Twin sharpening box

Ideal for CASTELL 9000 Standard and Jumbo pencils, with titanium-coated sharpening blade for better performance



# Material + Technique



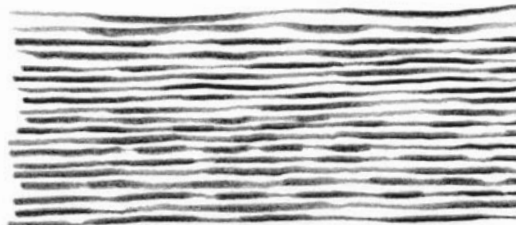
## Hold

Even the hold influences a drawing. Held at the pencil's end, the drawing's character will change to a loose sketch. The further a pencil is held towards its tip, the more specifically and exactly the lines can be drawn.



## Varying pressure

Through varying the applied pressure, the same pencil can produce fine as well as wide lines. Drawing parallel lines while increasing and decreasing pressure is a good exercise for this technique.



## Surface

Choice of paper is of utmost importance for the characteristics of a drawing. The example on the right shows a Castell 9000 Jumbo 8B which has been used on three different types of grained paper. Depending on the grain, the structure of the drawing is fine or coarse.



## Light and shade

In monochrome depictions, colours are represented in tonal values. Different shades of grey convey the pictorial elements' colour intensity, surface properties and incidence of light. They thus give the picture life and depth.

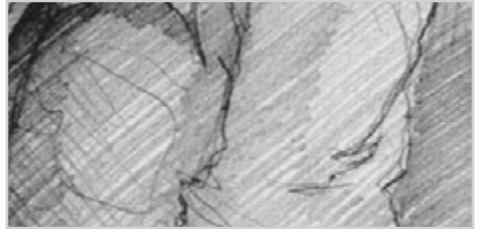






## Hatching

When hatching the lines run in the same direction. Different tonal values are achieved through overlaying and condensing. Line length and distance between the lines further varies the optical result.



## Cross-hatching

When cross-hatching, strokes of the pencil in one direction are drawn on top of strokes made at another angle. Differences in number and density of the overlapping lines create tonal shades.



## Overhand grip

When using the overhand grip, the pencil is held in an extremely flat position in order to create extensive laydown. This technique helps to quickly create large areas and fluid tonal shades.



## Smudging

Loosely applied graphite can be smudged over a specific area with the help of a paper wiper or finger. It is a very appealing technique for creating clouds, water or blurred backgrounds.



# Gisela Zigawe-Schmitt

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Born in Trier, Germany  
Studied at Fachhochschule Saarbrücken (University of Applied Sciences), Germany  
Degree in Textile Design  
Freelancer  
Decoration design for tiles and façades

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## Illustration



## Tip

“To emphasise a lighter edge or area, I use an eraser or kneadable eraser for brightening. Highlights on leaves can easily be created using this method.”



Gisela Zigawe-Schmitt's drawings have a rather realistic style, in which lighting plays an important role. Through fine contrasts in the shades of grey she manages to capture the delicate nature of blossoms, leaves or feathers.



# Sascha-David Salender

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Born in Schweinfurt, Germany  
Freelance work in the fields of illustration, design of fun characters,  
graphic art, tattoo art  
Currently studying Communication Design  
at the Faber-Castell Academy in Stein, Germany

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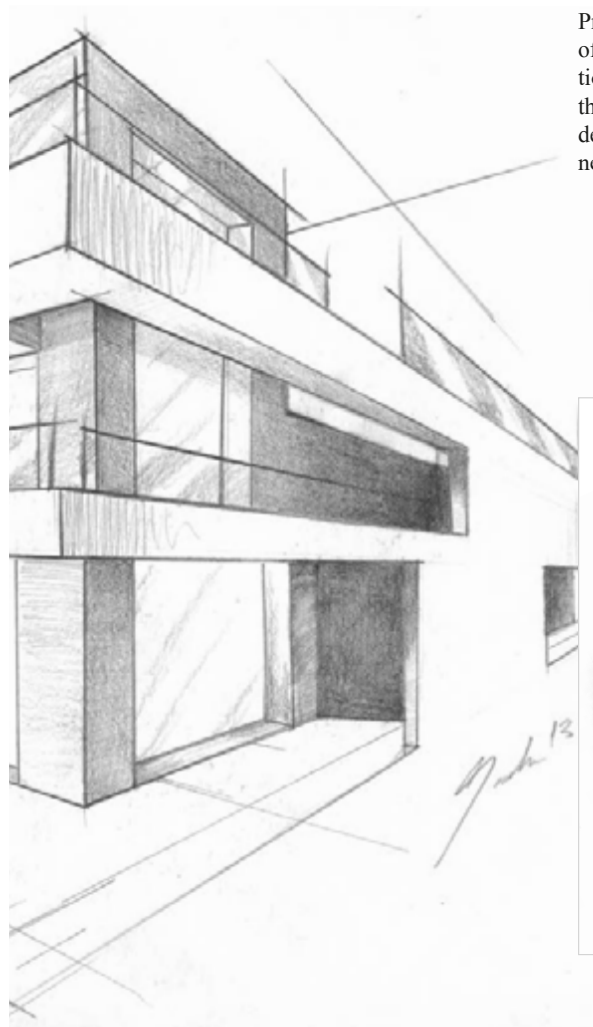
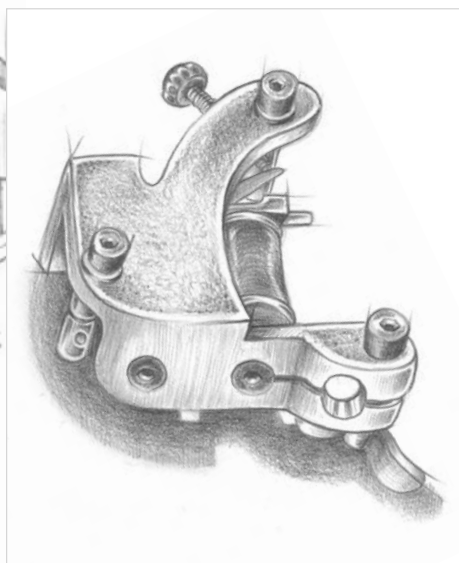
## Product Illustration · Architecture



**Tip**

“I like fine cross-hatching best. It enables me to beautifully present the plasticity of shapes and specifically create contrasts.”

Product illustration requires the quick creation of first drafts as well as detailed representations. While loose sketching is supported by the degrees of hardness 4B, 6B and 8B, the degrees HB and 2B provide the wide range needed for a precise and detailed depiction.



# Sophie Schmid



Born in Munich, Germany  
Studied at Fachhochschule Munich (University of Applied Sciences), Germany  
Degree in Communication Design  
Studied at the Academy of Arts in Munich, Germany  
Degree in Free Painting and Graphic Art  
Lecturer at various art academies  
Writer and illustrator of children's books

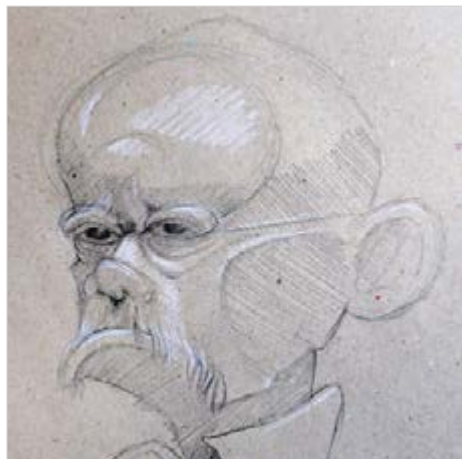
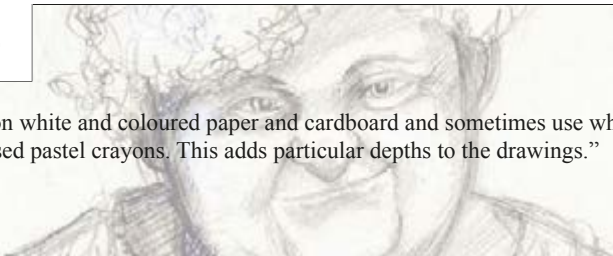
## Children's Book Illustration

"I have been drawing for as long as I have been able to hold a pen. Drawing isn't an activity for me, but a state of being – one of the best."



## Tip

“I draw on white and coloured paper and cardboard and sometimes use white pastel crayons or oil-based pastel crayons. This adds particular depths to the drawings.”



Sophie Schmid illustrates and writes children's books that offer an extraordinary reading and visual experience thanks to their humorous selection of scenes, astonishing variety of technique as well as their distinctive characters.



Illustration of Christian Morgenstern's poem  
“Der Hecht” (The Pike)



# Brigitte Doege



Born in Munich, Germany  
Studied Painting and Textile Design at the Academy of Fine Arts in Munich, Germany  
Freelance work in the fields of painting, colour consulting and design  
Teaches at the Blocherer School for Communication Design and Interior Decoration in Munich, Hochschule Rosenheim - University of Applied Sciences and the Faber-Castell Academy in Stein, Germany

[www.doege-design.de](http://www.doege-design.de)

## Fashion





## Tip

“I prefer the degrees of hardness 6B and 8B because they have a soft stroke and enable sketchy drawing.”

“This pencil offers the whole range needed for personal expression – from sketchy, loose play of the hand to modulated lines and dark, heavy areas.”

Brigitte Doege prefers the soft versions of the Castell 9000 Jumbo. Her sketchy drawings reflect moments of the artist's fancy in the depiction which is particularly appealing due to its characteristic liveliness.



# Raul Miclea



Born in Arad, Romania  
Studied at the Basel School of Design in Switzerland  
Studied at Georg-Simon-Ohm Fachhochschule Nuremberg  
(University of Applied Sciences), Germany  
Degree in Media Design  
Since 2010 freelance media designer with focus on image design, illustration,  
photography and video editing  
[www.devnotes.de/ardans](http://www.devnotes.de/ardans)

## Comic



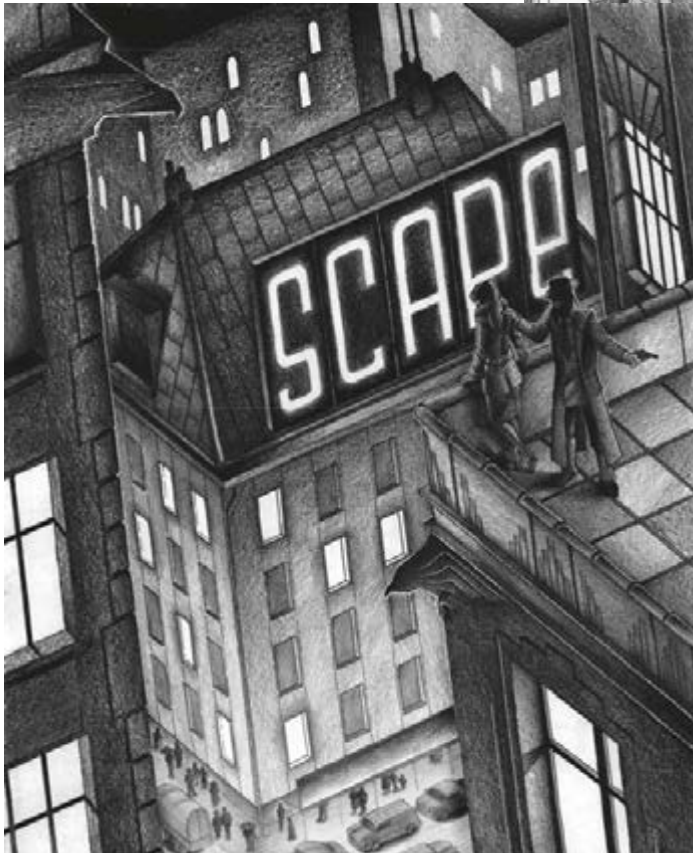
Being able to draw a picture about film noir is particularly appealing to Raul Miclea. He wants it to be dark and mysterious. In this scene he is showing a dissimilar couple on the run. Although set in the centre of the city, the other people couldn't be farther away.



## Tip

“The Castell 9000 Jumbo pencils create all levels of black that are needed to create the necessary tension. Even on relatively smooth paper you get a grain resembling old movies. Underlying this paper with different structures will transfer it into the picture.”

“A film noir plays with perception. That’s why I decided not to add any perspective to the picture. The depth results solely from the staggered arrangement of the various levels, much like in old montages.”



# Barbara Rogge-Fuchs

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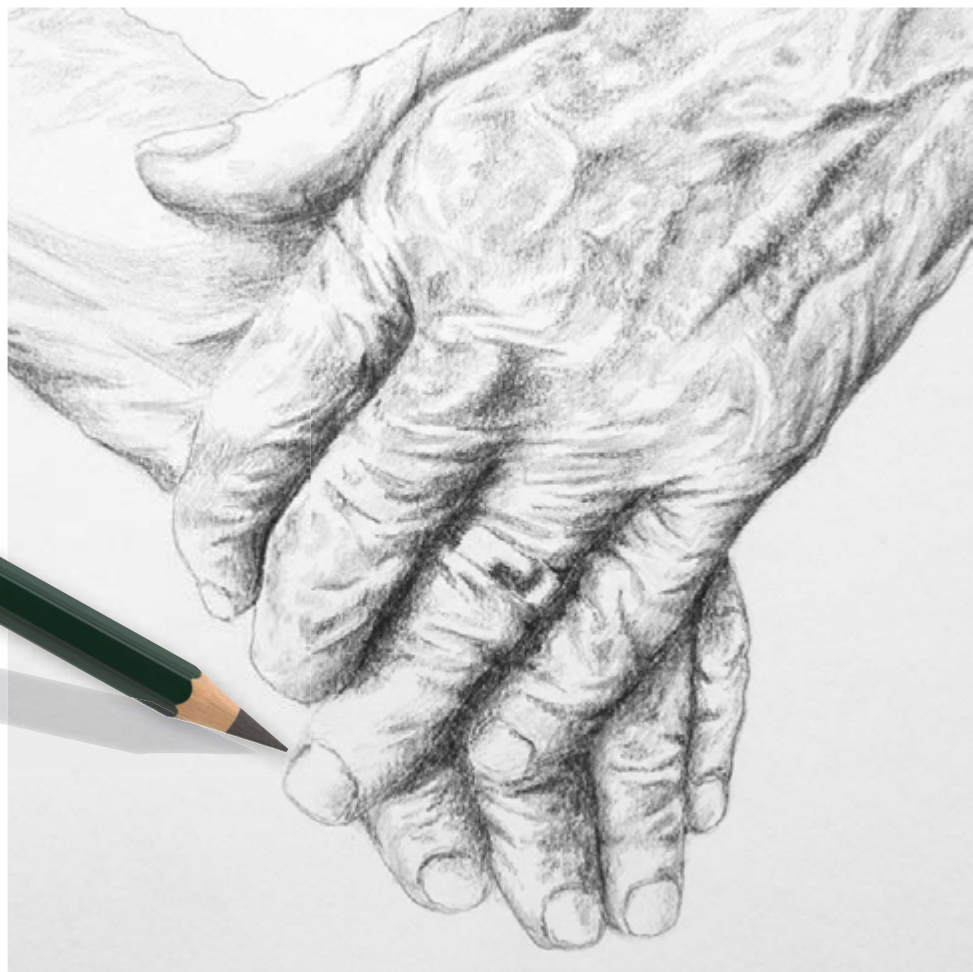


Born in Nuremberg, Germany  
Studied at Fachhochschule Saarbrücken (University of Applied Sciences), Germany  
Degree in Industrial Design  
Employed in industry and publishing sector,  
since 1988 freelance work with focus on graphic art,  
illustration, photography and video

[www.rogge-fuchs.de](http://www.rogge-fuchs.de)

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## Illustration



## Tip

“In order to create a picturesque background, I use a scalpel to scrape some graphite off the lead and onto a piece of paper. I then smudge the loose pigment with a finger or paper wiper.”

Every material has its own specific surface look which needs to be captured in the drawing. Graphite pencils are particularly suitable for depicting smooth surfaces like metal, glass or leather. They work exceptionally well for creating fine variations in light, mirroring effects or light reflections.



# Markus Kronberger

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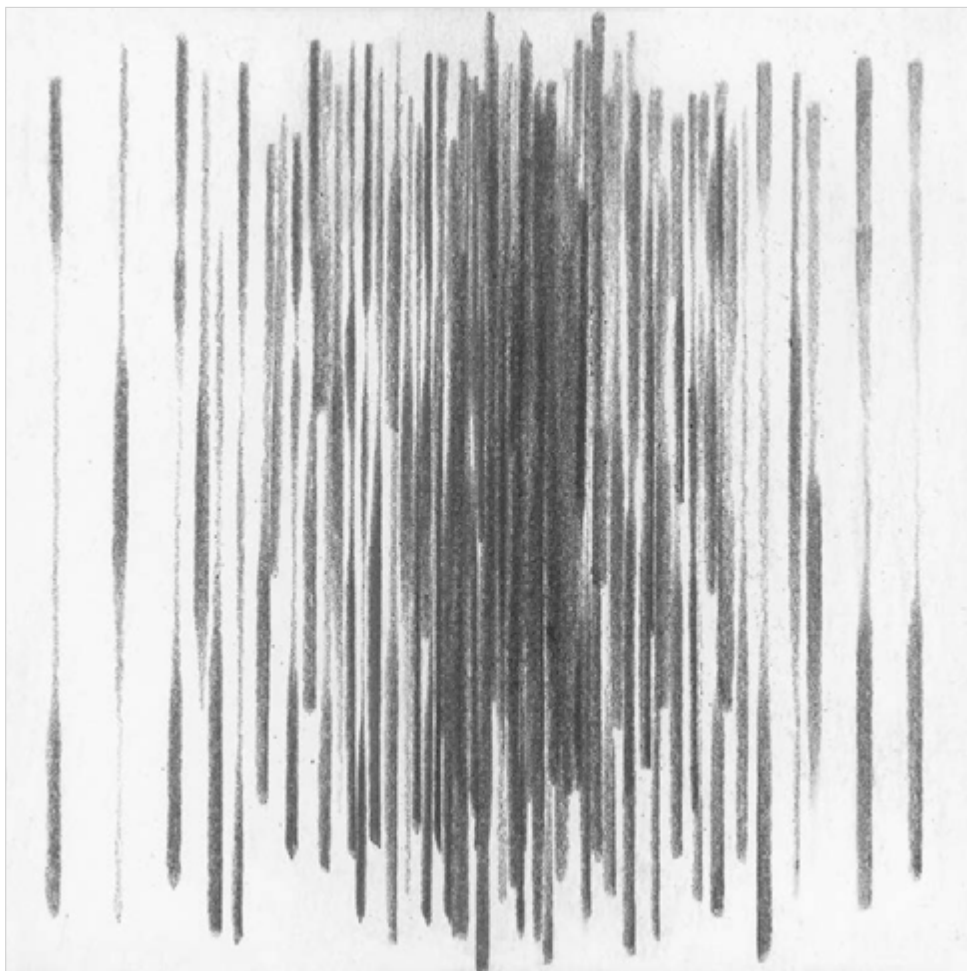


Studied Painting and Art in Public Space at the Academy of Fine Arts  
in Nuremberg, Germany  
Artistic Assistant and Artistic Director at the Academy of Fine Arts in Nuremberg  
Head of the Faculty of Fine Arts and lecturer at the Faber-Castell Academy in Stein,  
Germany  
Lecturer at various universities · National and international exhibitions

[www.markus-kronberger.de](http://www.markus-kronberger.de)

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## Painting · Drawing



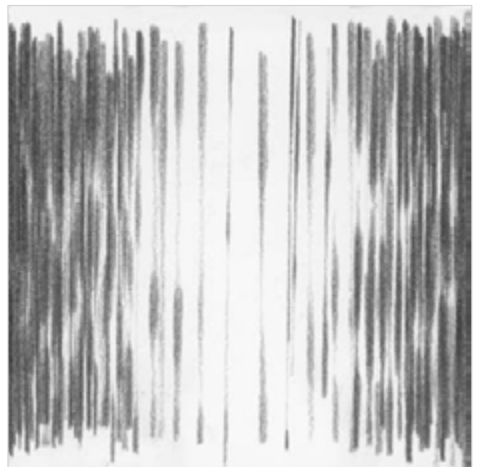
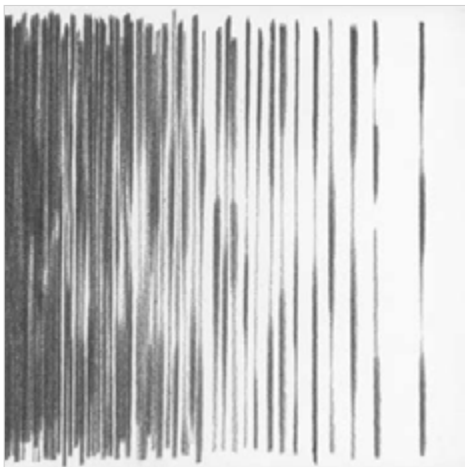
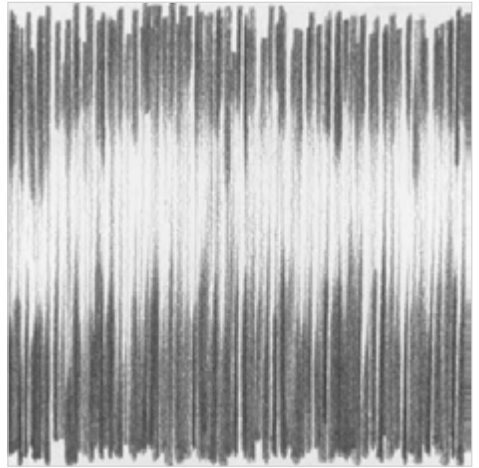
## Tip

“Drawing is the irreversible condensation of points and lines in a specific area. Consciously applying graphite on paper creates imaginary light and sensual pictorial spaces through light-dark contrasts.”

Drawings do not always have to be representational, as exemplified in these works by Markus Kronberger.

Space and depth are determined by the distance between, density and characteristics of the corresponding lines.

By deliberately reducing the drawing Markus Kronberger orchestrates lighting moods and shades of grey that can only be achieved with a pencil.



# Markus Klein

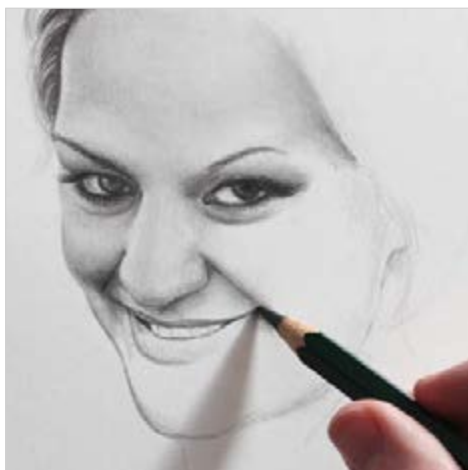
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Born in the Rhineland, Germany  
Portrait artist  
Head of Software Development and Design at an IT systems provider

[www.markus-klein-artwork.de](http://www.markus-klein-artwork.de)

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“The challenge is to draw a portrait that is more realistic and alive than a photo. Being able to feel every fibre of the paper when applying the graphite, similar to a needle on a vinyl record, is an incomparable sensory experience in art.”

In order for surfaces to gain a more natural texture, Markus Klein uses the HB for extremely fine hatching to resemble the skin's pores for example. Afterwards, he deepens the shadows and intensifies dark areas with softer pencils. He uses the PITT Oil-Base extra hard to further carve out microscopic details like eye lashes or the structure of the iris.





Tip

“The softer degrees of hardness facilitate intense shading, while the HB is ideal for fine hatching and precise details.”



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A. W. FABER-CASTELL Vertrieb GmbH  
Nürnberger Str. 2 • D-90546 Stein / Nuremberg • Germany  
Tel.: +49 911 99 65-0 • Fax: +49 911 99 65-5856  
www.Faber-Castell.com • info@Faber-Castell.com