

Black and White

Or Monochrome



Photographic copy of the first
Daguerreotype of the human
in existence taken by ser.
on the roof of the new
in 1839.

Why do you like Black and White ?

Initially we had no choice

One of the oldest photographic portraits known, 1839 or
1840 made by John William Draper of his sister, Dorothy
Catherine Draper

Technology

- First photographic process was invented around 1824 by **Nicéphore Niépce**. Images were obtained with bitumen of Judea spread on a silver plate after an exposure time of several days.
- **Daguerre** invented, in 1838, the daguerreotype, the first process to including a development stage
- **William Henry Fox Talbot** In 1841, patented the calotype, the first negative-positive process that made it possible to multiply the same image



- John Herschell discovered, in 1839, of the way to fix images by dipping them in a sodium hyposulfite bath (main Part of developing today)
- The American George Eastman, Kodak founder, conceived, in 1888, the idea of the supple base. Glass plates were progressively replaced by celluloid rolls.



All of these efforts where Monochrome

Although the physicist Gabriel Lippman received the Nobel prize in 1906 for having found in 1891 a way to obtain photos in direct colors on one plate it was too complicated, this invention remained only in a laboratory.

Is wasn't until 1935

Two Americans, L . Mannes and L . Godowsky, improved this process it was bought by Kodak, it was named Kodachrome. If today's color films are much more sophisticated, they still use silver bromide, gelatin and basic principles from Agfacolor and Kodachrome



Photography was “born” in black and white



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SoWhy do

you

like Black and
White ?

“Color tends to corrupt photography and absolute color corrupts it absolutely.

Consider the way color film usually renders blue sky, green foliage, lipstick red, and the kiddies’ playsuit.

These are four simple words which must be whispered: color photography is vulgar.” – Walker Evans



Dorothea Lange



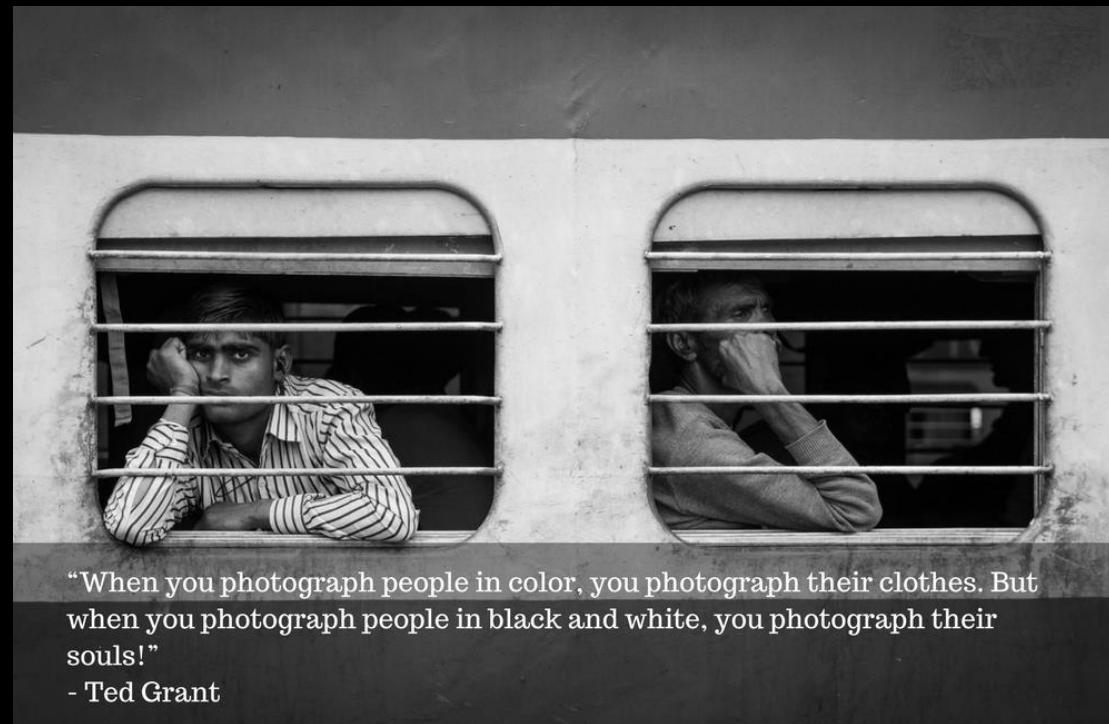
Nick Ut

“I think it’s because it was an emotional story, and emotions come through much stronger in black and white.

Color is distracting in a way, it pleases the eye but it doesn’t necessarily reach the heart.” – Kim Hunter



"Color is descriptive. Black and white is interpretive."
- Elliott Erwitt

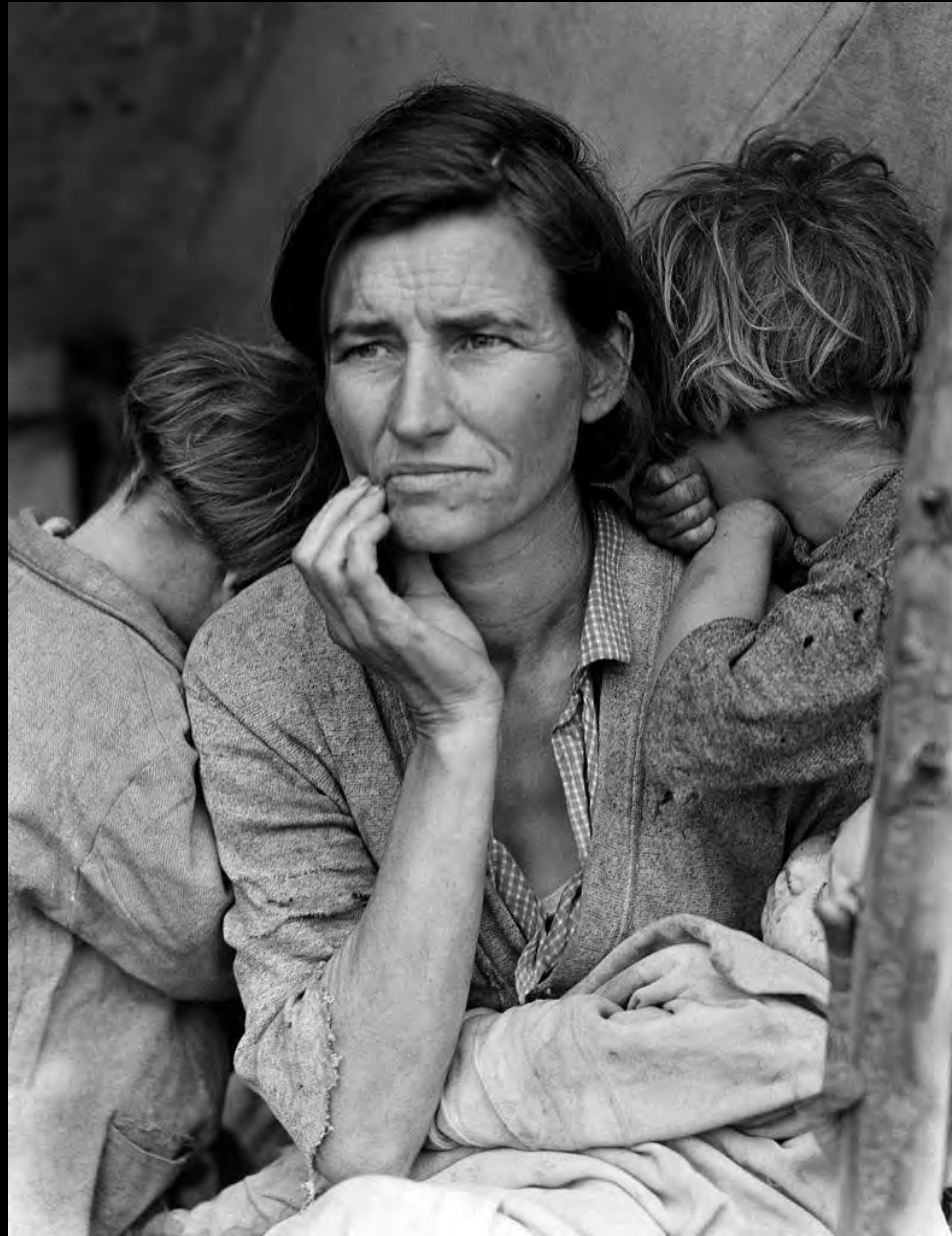


"When you photograph people in color, you photograph their clothes. But when you photograph people in black and white, you photograph their souls!"
- Ted Grant



Colour is a distraction from the essence of photography

Emotional Reason



Dorothea Lange







Black and White Images convey strong emotional presence



Form and Texture

Skip Nall



**Reducing photography to its
essentials - shape, form and
pattern**

Ansel Adams







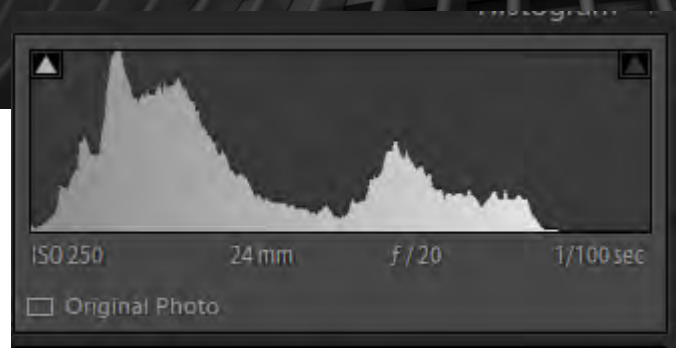
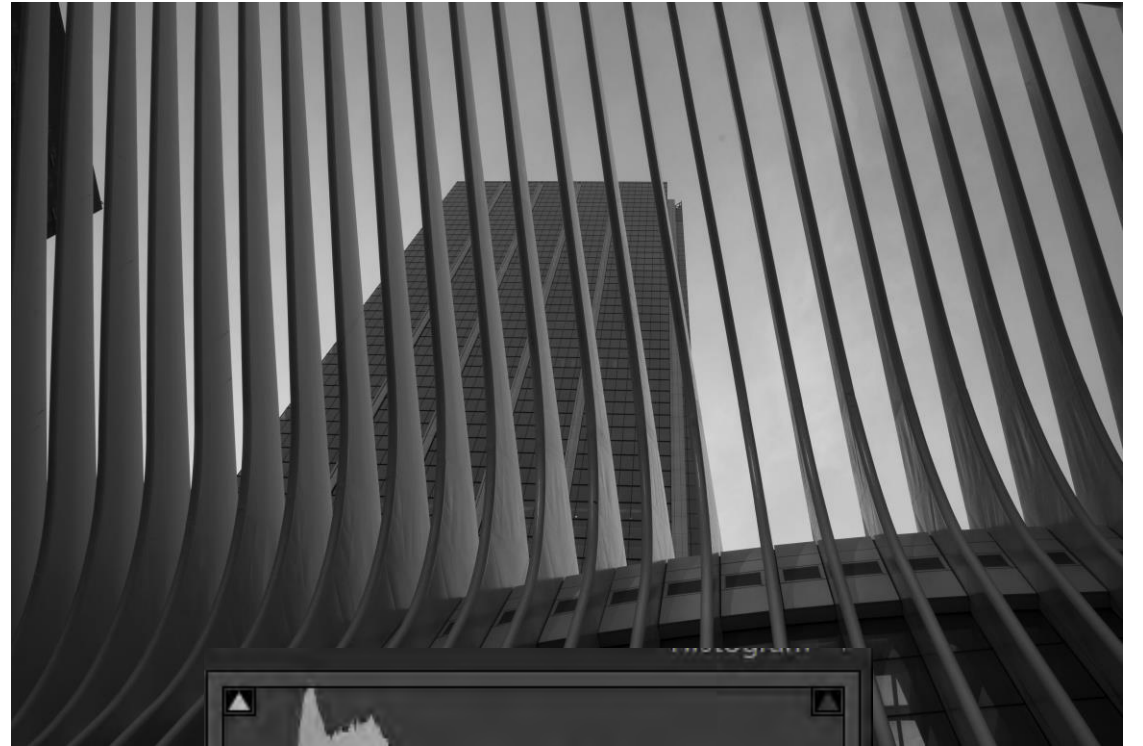
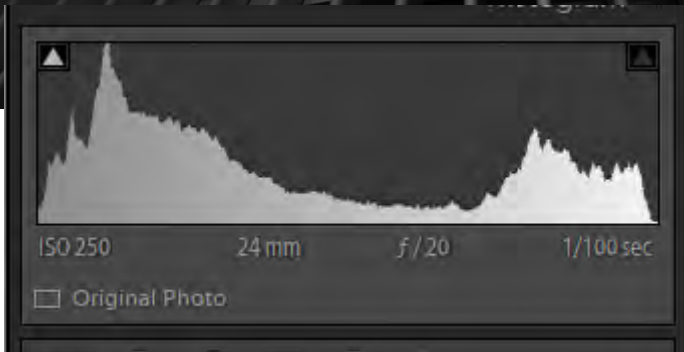
Emphasize light and Dark





Range of Tones

“A wide range of tones is essential for a successful photograph and Black and White allows for a tonality that ranges from absolute black to pure white. The same cannot be achieved in colour photography, due to the resulting oversaturation and colour burning’

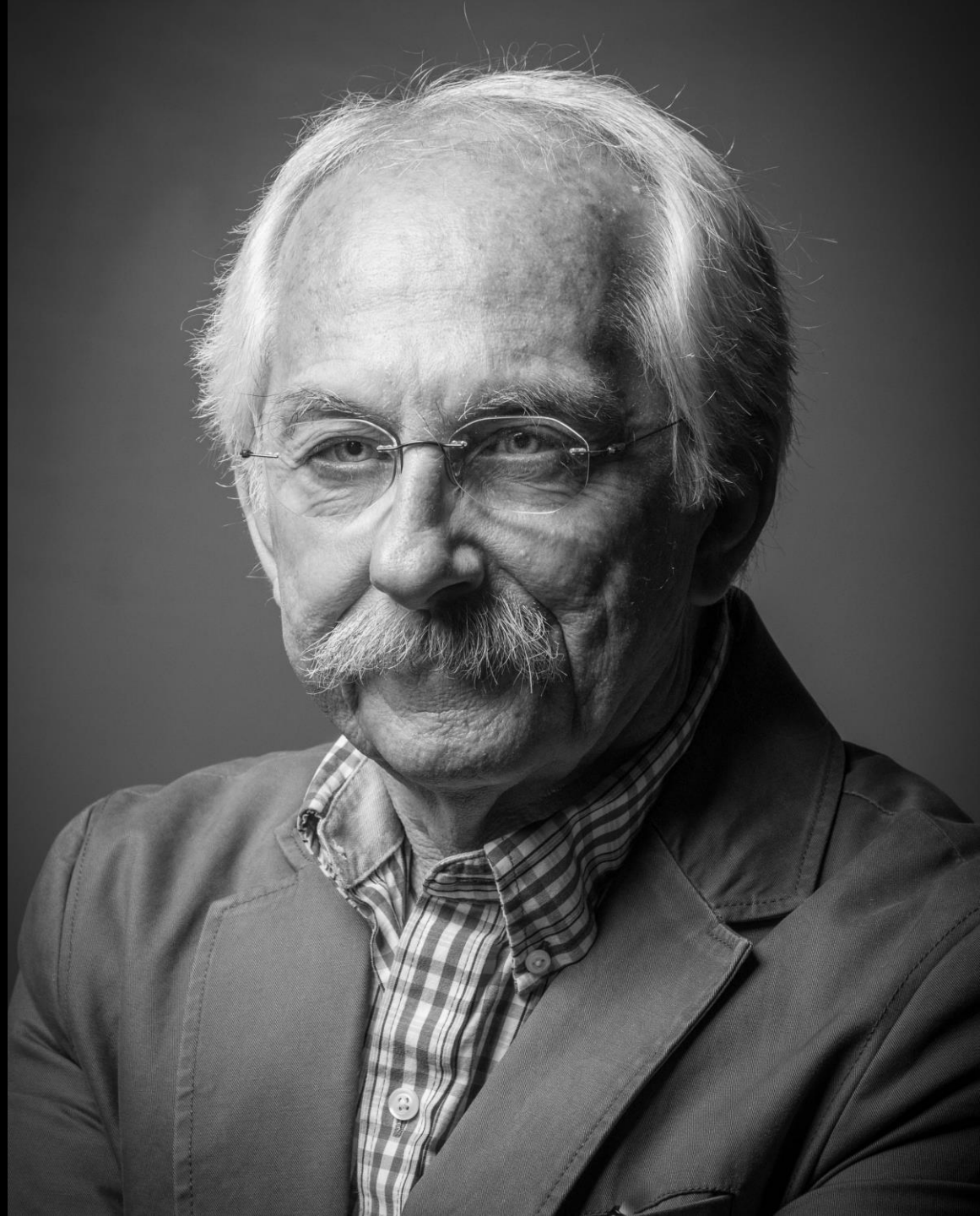
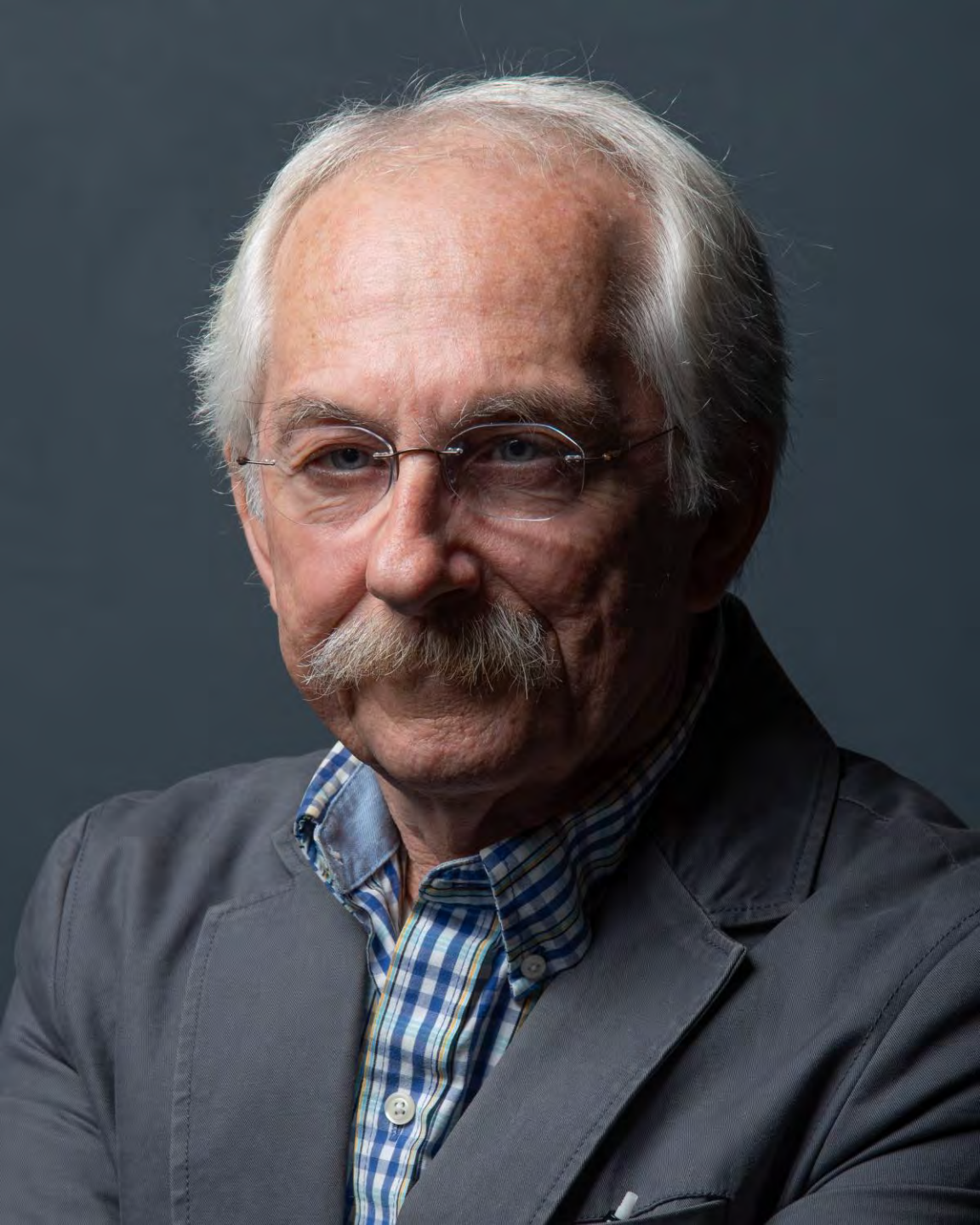


Focus On Composition

Black and White helps to show off the compositional elements without the distraction of color. The elements of the frame and their interrelation pop up and occupy the position they deserve.

Lets review some
images and see what
you think



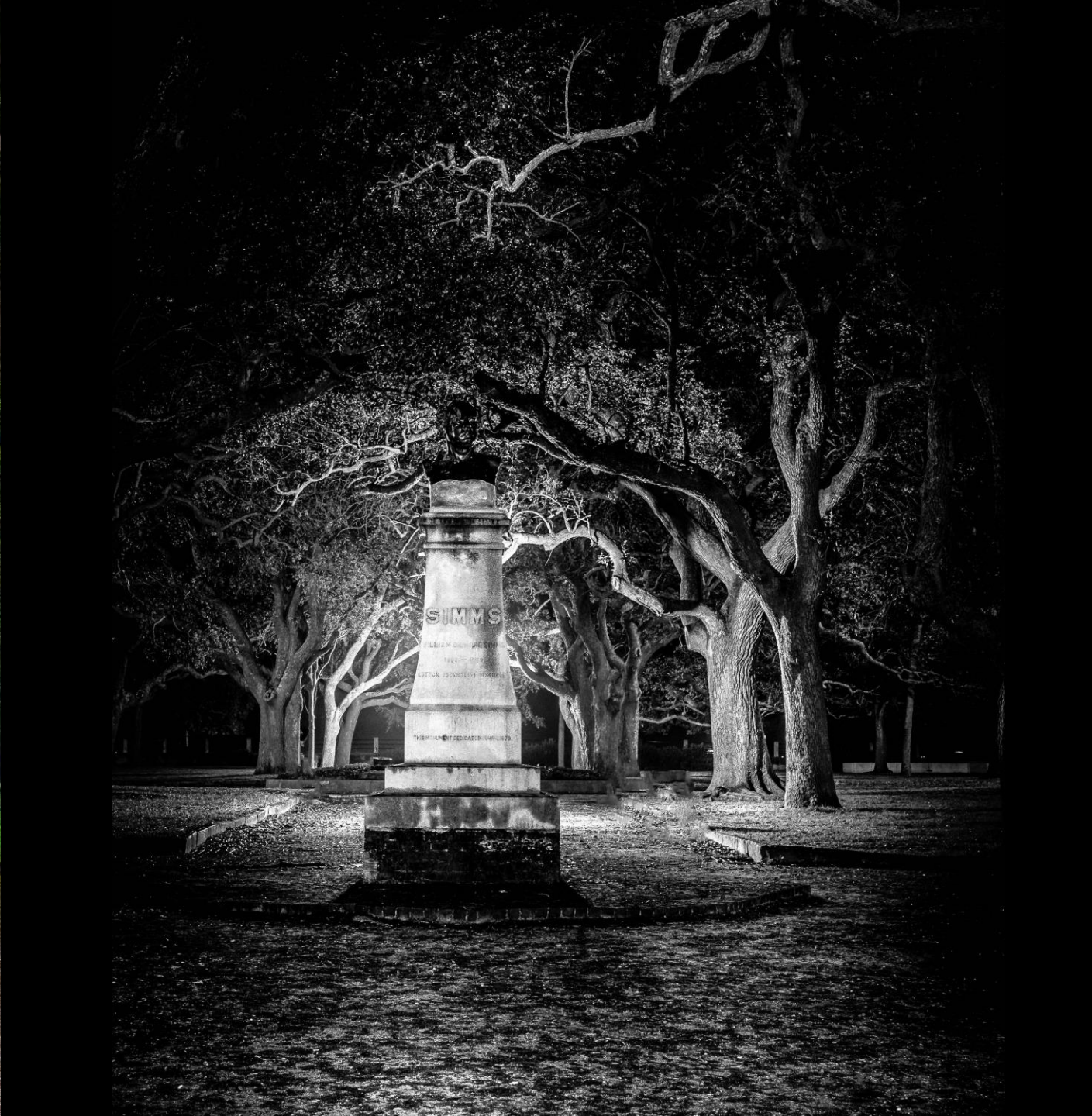




















MarkAshBot 2017



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Techie Stuff

- What do we do ?Go out a Shoot Black and White
- Shoot in RAW
- Switch your Camera to display Black and White in the Image review.
- Nikon
 - Photo Shooting Menu
 - Set picture Control
- Canon
 - Set Control
 - Picture Style list

Techie Stuff

- Post processing Software

- Photoshop
- Lightroom
- Silver efex pro
- Topaz
- On1
- And on and on
- <https://www.shutterbug.com/content/geared-my-favorite-products-bw-photography-go-software-and-apps-help-you-make-it-monochrome>

Some of my favorites

- Robert Capa
 - War Photographer
- Ansel Adams
 - Landscapes
- Yousuf Karsh
 - Portrait
- Dorothea Lange
 - Portrait
- Vivian Maier
 - Street Photographer