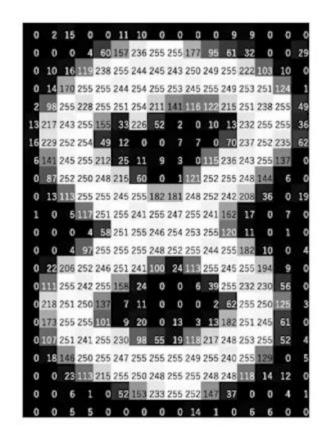
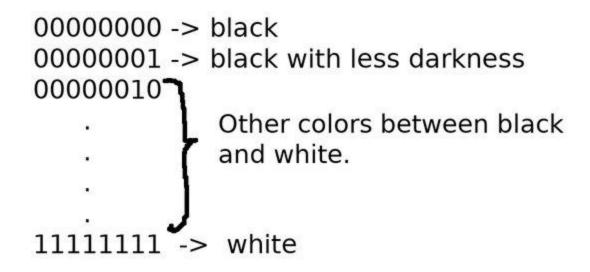
GrayScale Images

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- Images are stored in a computer as a matrix of numbers known as pixel values.
- These pixel values represent the intensity of each pixel.
- In grayscale images, a pixel value of 0 represents black, and 255 represents white.
- Anything between 0-255 is shade of gray

- For a grayscale images, the pixel value is a single number that represents the brightness of the pixel.
- The most common pixel format is the byte image, where this number is stored as an 8-bit integer giving a range of possible values from 0 to 255
- Typically zero is taken to be black, and
 255 is taken to be white





 grayscale images intended for visual display are commonly stored with 8 bits per pixel

Grayscale image pixel values

12	98	231	101	253	57	0	132
251	78	43	23	156	99	109	126
136	44	208	122	237	19	252	211
99	133	4	146	135	231	13	134
225	233	137	68	127	131	93	254
241	129	178	234	14	250	6	237
185	255	196	118	0	198	34	235
0	213	251	11	129	192	118	212

0	0	0	0	255	0	0	0
255	0	0	0	0	0	0	0
0	0	0	0	0	0	255	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	255
0	0	0	0	0	255	0	0
0	255	0	0	0	0	0	0
0	0	255	0	0	0	0	0