

Converting Colors

Hex(818686)

Have a look what the booklet for
Hex(818686) contains.

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Color

Hex(818686)

Conversions

Conversions Part 1

Format	Color
Hex	818686
RGB	129, 134, 134
RGB Percent	51%, 53%, 53%
CMY	0.4941, 0.4745, 0.4745
CMYK	0.04, 0.00, 0.00, 0.47
HSL	180°, 2%, 52%
HSV	180°, 4%, 53%
XYZ	21.8814, 23.4386, 25.9251
YIQ	132.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

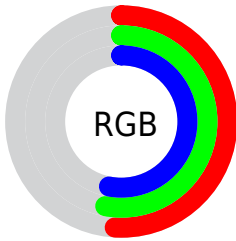
Format	Color
R_{YB}	129, 132, 134
Decimal	8488582
CIE _{Lab}	55.52, -1.84, -0.65
CIE _{LCh}	56, 1.949, 199.417
Yxy	23.4386, 0.3071, 0.3290
Android (android.graphics.Color)	4286678662 (0xFF818686)
YUV	132.5050, 0.7370, -3.0739
Hunter-Lab	48.4134, -4.0466, 2.1399

Details

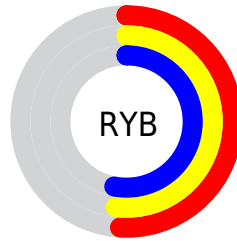
The Hex color **818686** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **868181**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B6BBBB**, and **505454** is the 20% darker color. If you saturate the color by 10%, you get **748686**, and if you desaturate by 10%, it is **8E8686**.

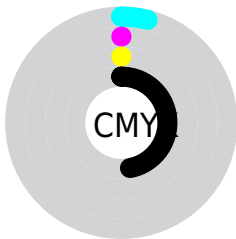
Distribution



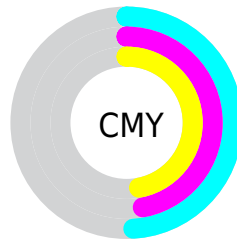
- Red (51%)
- Green (53%)
- Blue (53%)



- Red (51%)
- Yellow (52%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (47%)



- Cyan (49%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 818686 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 818686 by changing the saturation by 10% instead.

818686

818686

FFFFFF

686D6D

B6BBBB

505454

D1D7D7

393D3D

EEF3F3

232828

0E1313

000000

818686

818686

748686

8E8686

668686

9C8686

■ 598686

■ A98686

■ 4B8686

■ B78686

■ 3E8686

■ C48686

■ 318686

■ D18686

■ 238686

■ DF8686

■ 168686

■ EC8686

■ 088686

■ FA8686

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



828684



818686



818687

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



818686



878487



878582

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



818686



868181

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



888482



818686



888486

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



818686



858588



898484



858582

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



818686



828588



898484



888482

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



818686



ACADAD



818681



565757



D6D6D6



575757

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



818686



A6ADAD



818486



3F4242



008282



000303

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



868186



ADA6AD



868481



423F42



820082



030003

Previews

White Background



This preview shows how the Hex color 818686 looks on a white background.

Color Contrast Check

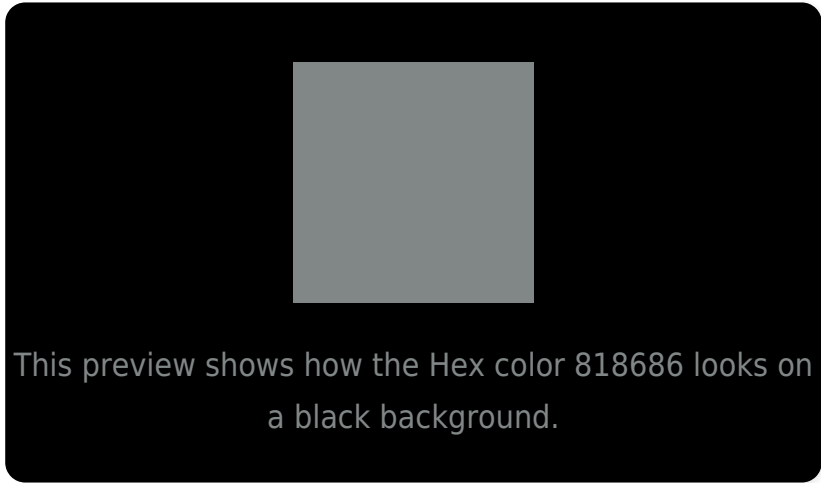
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

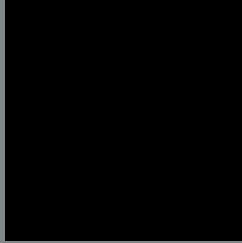
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

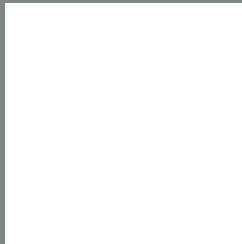
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 818686 Background



This preview shows how black text looks on a background with the Hex color 818686.



This preview shows how white text looks on a background with the Hex color 818686.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

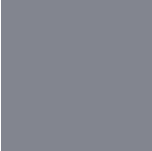
818686

Protanopia

878485

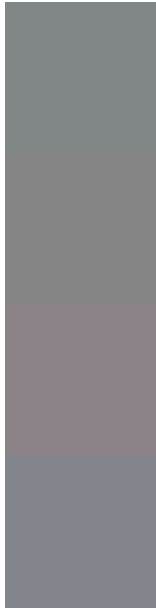
Deuteranopia

918187



Tritanopia
82858F

Trichromacy



Original Color
818686

Protanomaly
858585

Deuteranomaly
8B8387

Tritanomaly
82858C

Monochromacy



Original Color
818686

Achromatopsia
858585

Achromatomaly
848585

CSS Examples

Text

The CSS property to change the color of the text to Hex 818686 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #818686 looks like.

```
.text, #text, p{  
    color:#818686  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #818686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #818686
}
```

Border

The CSS property to change the border of an element to Hex 818686 is called "border". The border property can be set on classes, ids or directly on the HTML element.

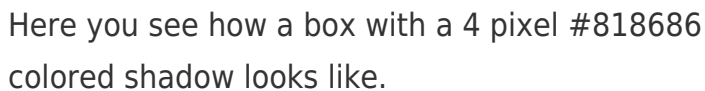
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#818686 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#818686 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #818686 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #818686; -webkit-box-shadow:4px 4px  
4px 4px #818686; box-shadow:4px 4px 4px  
4px #818686 }
```

Background

The CSS property to change the background color of an element to Hex 818686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#818686 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#818686 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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