

# Converting Colors

Hex(809191)

Have a look what the booklet for  
Hex(809191) contains.

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# Color

**Hex(809191)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	809191
RGB	128, 145, 145
RGB Percent	50%, 57%, 57%
CMY	0.4980, 0.4314, 0.4314
CMYK	0.12, 0.00, 0.00, 0.43
HSL	180°, 7%, 54%
HSV	180°, 12%, 57%
XYZ	24.1383, 26.8843, 30.7050
YIQ	139.9170, -10.1320, -3.6040

# Conversions

## Conversions Part 2

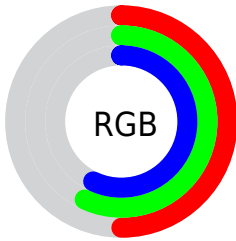
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 137, 145
Decimal	8425873
CIE <sub>Lab</sub>	58.87, -6.07, -2.07
CIE <sub>LCh</sub>	59, 6.412, 198.857
Yxy	26.8843, 0.2954, 0.3290
Android (android.graphics.Color)	4286615953 (0xFF809191)
YUV	139.9170, 2.5059, -10.4512
Hunter-Lab	51.8501, -7.6387, 1.1842

# Details

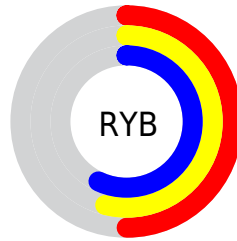
The Hex color **809191** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **918080**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B5C7C7**, and **4F5F5F** is the 20% darker color. If you saturate the color by 10%, you get **729191**, and if you desaturate by 10%, it is **8F9191**.

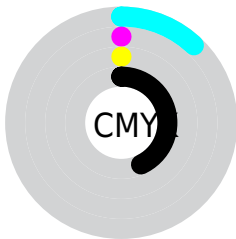
# Distribution



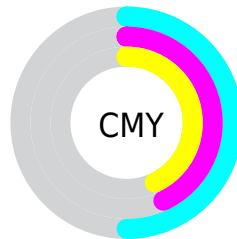
- Red (50%)
- Green (57%)
- Blue (57%)



- Red (50%)
- Yellow (54%)
- Blue (57%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (43%)



- Cyan (50%)
- Magenta (43%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 809191 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 809191 by changing the saturation by 10% instead.



■ 809191

■ 809191

FFFFFF

■ 677777

■ B5C7C7

■ 4F5F5F

■ D1E3E3

■ 384747

■ EDFFFF

■ 223131

■ 0D1C1C

■ 000000

■ 809191

■ 809191

■ 729191

■ 8F9191

■ 639191

■ 9D9191

559191

AB9191

469191

BA9191

389191

C99191

299191

D79191

1B9191

E69191

0C9191

F49191

009191

FF9191

# Harmonies

## Analogous

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



83918B



809191



819096

# Triad

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



809191



938B95



958D83

# Complementary

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



809191



918080

# 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.



998B85



809191



988A90

# Square

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



809191



8C8D98



9A8A8A



8F8E83

# Rectangle

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



809191



848F98



9A8A8A



968C83



# Sweetspot

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



809191



B5BDBD



809180



5A5E5E



DEDEDE



5E5E5E



# Same Dimension

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



809191



A2BDBD



808991



404747



008787



000808



# Inverse Universe

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



918091



BDA2BD



918980



474047



870087



080008



# Previews

## White Background



This preview shows how the Hex color 809191 looks on a white background.

## Color Contrast Check

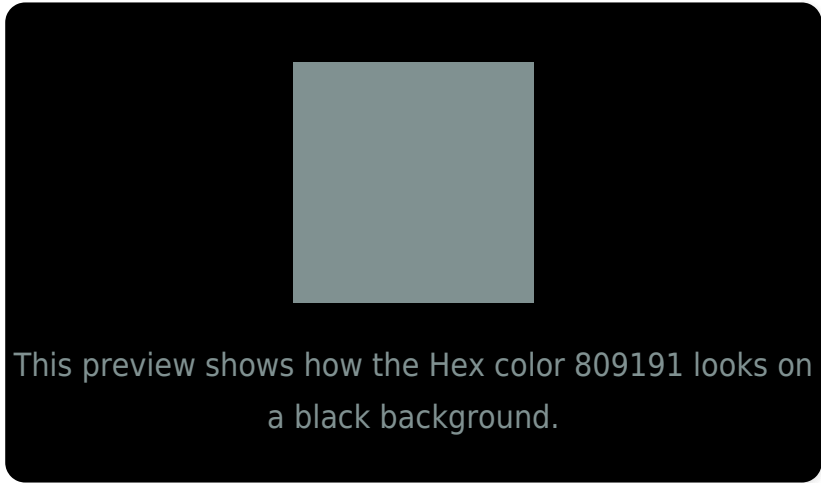
Large Text (above 18pt) WCAG AA ✓ Pass

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

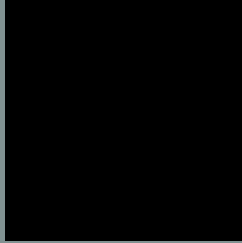
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

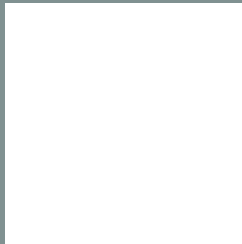
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 809191 Background



This preview shows how black text looks on a background with the Hex color 809191.

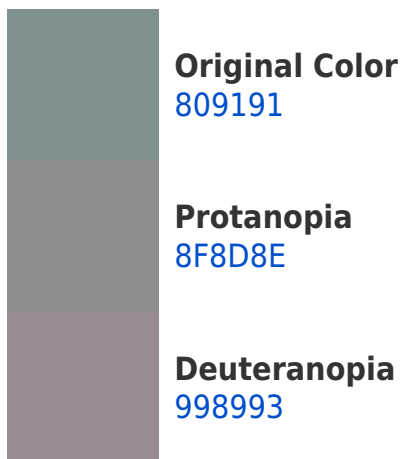


This preview shows how white text looks on a background with the Hex color 809191.

# 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





**Tritanopia**  
828F9B

# Trichromacy



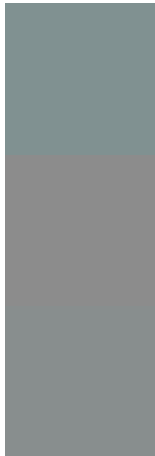
**Original Color**  
809191

**Protanomaly**  
8A8E8F

**Deuteranomaly**  
908C92

**Tritanomaly**  
819097

# Monochromacy



**Original Color**  
809191

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
888E8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 809191 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 #809191 looks like.

```
.text, #text, p{  
    color:#809191  
}
```

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 #809191 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809191
}
```

## Border

The CSS property to change the border of an element to Hex 809191 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
#809191 }
```

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

```
.border{ border-color:#809191 }
```

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

Here you see how a box with a 4 pixel #809191 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809191; -webkit-box-shadow:4px 4px  
4px 4px #809191; box-shadow:4px 4px 4px  
4px #809191 }
```

# Background

The CSS property to change the background color of an element to Hex 809191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809191 }
```

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

```
.background{ background-color:#809191 }
```

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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