

# Converting Colors

Hex(818D8D)

Have a look what the booklet for  
Hex(818D8D) contains.

<b>Hex(818D8D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(818D8D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	818D8D
RGB	129, 141, 141
RGB Percent	51%, 55%, 55%
CMY	0.4941, 0.4471, 0.4471
CMYK	0.09, 0.00, 0.00, 0.45
HSL	180°, 5%, 53%
HSV	180°, 9%, 55%
XYZ	23.3859, 25.6400, 28.9157
YIQ	137.4120, -7.1520, -2.5440

# Conversions

## Conversions Part 2

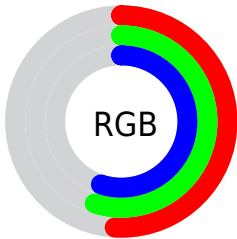
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 135, 141
Decimal	8490381
CIE Lab	57.69, -4.33, -1.50
CIE LCh	58, 4.586, 199.047
Yxy	25.6400, 0.3000, 0.3290
Android (android.graphics.Color)	4286680461 (0xFF818D8D)
YUV	137.4120, 1.7689, -7.3773
Hunter-Lab	50.6359, -6.1739, 1.5875

# Details

The Hex color **818D8D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8D8181**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B6C3C3**, and **505B5B** is the 20% darker color. If you saturate the color by 10%, you get **738D8D**, and if you desaturate by 10%, it is **8F8D8D**.

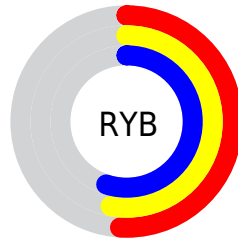
# Distribution



Red (51%)

Green (55%)

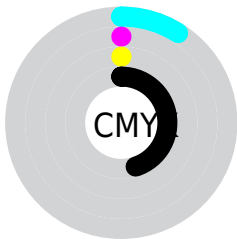
Blue (55%)



Red (51%)

Yellow (53%)

Blue (55%)

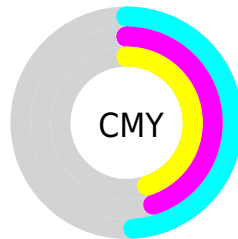


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (45%)



Cyan (49%)

Magenta (45%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 818D8D 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 818D8D by changing the saturation by 10% instead.



818D8D

818D8D

FFFFFF

687373

B6C3C3

505B5B

D2DEDE

394344

EEFBFB

232D2D

0E1919

000000

818D8D

818D8D

738D8D

8F8D8D

658D8D

9D8D8D

578D8D

AB8D8D

498D8D

B98D8D

3A8D8D

C88D8D

2C8D8D

D68D8D

1E8D8D

E48D8D

108D8D

F28D8D

028D8D

FF8D8D

# Harmonies

## Analogous

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



838D89



818D8D



828C90

# Triad

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



818D8D



8E8990



908A83

# Complementary

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



818D8D



8D8181

# 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.



938985



818D8D



92888C

# Square

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



818D8D



8A8A92



948888



8B8B83

# Rectangle

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



818D8D



848C92



948888



918983



# Sweetspot

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



818D8D



B2B8B8



818D81



585C5C



DBDBDB



5C5C5C



# Same Dimension

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



818D8D



A5B8B8



81878D



404747



008787



000808



# Inverse Universe

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



8D818D



B8A5B8



8D8781



474047



870087



080008



# Previews

## White Background



This preview shows how the Hex color 818D8D looks on a white background.

## Color Contrast Check

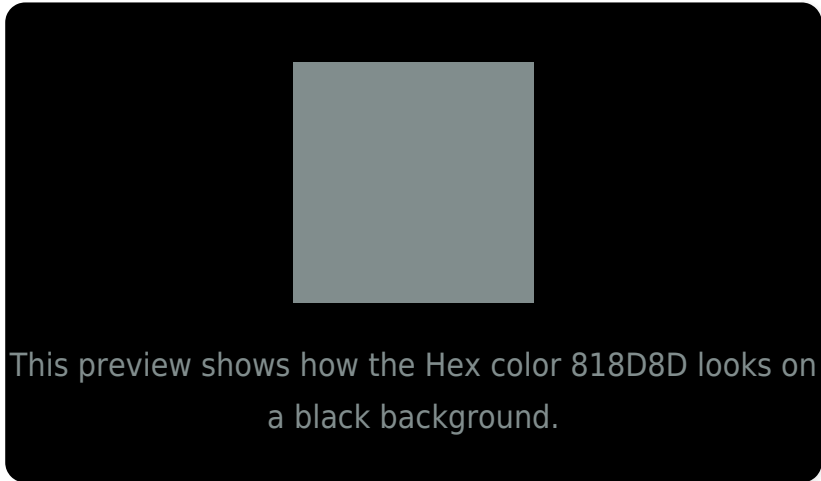
Large Text (above 18pt) WCAG AA ✓ Pass

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

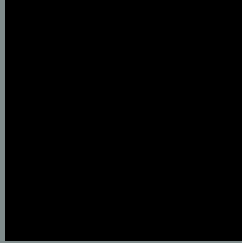
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

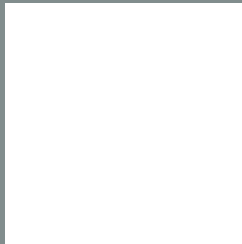
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 818D8D Background



This preview shows how black text looks on a background with the Hex color 818D8D.



This preview shows how white text looks on a background with the Hex color 818D8D.

# 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**  
818D8D

**Protanopia**  
8D8A8B

**Deuteranopia**  
96868E



**Tritanopia**  
838C97

# Trichromacy



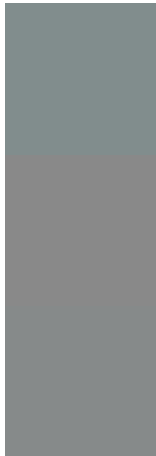
**Original Color**  
818D8D

**Protanomaly**  
898B8C

**Deuteranomaly**  
8E898E

**Tritanomaly**  
828C93

# Monochromacy



**Original Color**  
818D8D

**Achromatopsia**  
898989

**Achromatomaly**  
868A8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 818D8D 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 #818D8D looks like.

```
.text, #text, p{  
    color:#818D8D  
}
```

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 #818D8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #818D8D
}
```

## Border

The CSS property to change the border of an element to Hex 818D8D 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
#818D8D }
```

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

```
.border{ border-color:#818D8D }
```

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

Here you see how a box with a 4 pixel #818D8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #818D8D; -webkit-box-shadow:4px 4px  
4px 4px #818D8D; box-shadow:4px 4px 4px  
4px #818D8D }
```

# Background

The CSS property to change the background color of an element to Hex 818D8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#818D8D }
```

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

```
.background{ background-color:#818D8D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor