

# Converting Colors

Hex(80908F)

Have a look what the booklet for  
Hex(80908F) contains.

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# Color

**Hex(80908F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	80908F
RGB	128, 144, 143
RGB Percent	50%, 56%, 56%
CMY	0.4980, 0.4353, 0.4392
CMYK	0.11, 0.00, 0.01, 0.44
HSL	176°, 7%, 53%
HSV	176°, 11%, 56%
XYZ	23.8333, 26.5189, 29.8491
YIQ	139.1020, -9.2150, -3.7030

# Conversions

## Conversions Part 2

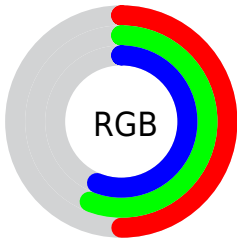
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 136, 144
Decimal	8425615
CIE <sub>Lab</sub>	58.53, -5.94, -1.43
CIE <sub>LCh</sub>	59, 6.108, 193.537
Yxy	26.5189, 0.2972, 0.3307
Android (android.graphics.Color)	4286615695 (0xFF80908F)
YUV	139.1020, 1.9217, -9.7365
Hunter-Lab	51.4965, -7.5066, 1.6810

# Details

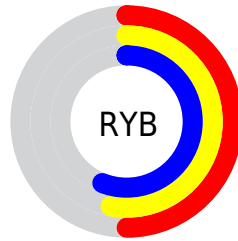
The Hex color **80908F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **908081**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B5C6C5**, and **4F5E5D** is the 20% darker color. If you saturate the color by 10%, you get **72908E**, and if you desaturate by 10%, it is **8E9090**.

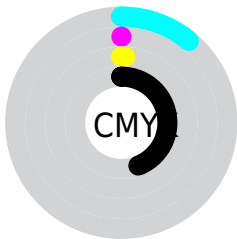
# Distribution



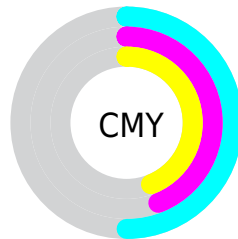
- Red (50%)
- Green (56%)
- Blue (56%)



- Red (50%)
- Yellow (53%)
- Blue (56%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (44%)



- Cyan (50%)
- Magenta (44%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80908F 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 80908F by changing the saturation by 10% instead.





80908F



80908F

FFFFFF



677675



B5C6C5



4F5E5D



D1E2E1



384645



EDFEFD



22302F



0D1B1A



000000



80908F



80908F



72908E



8E9090



63908D



9D9091

55908C

AB9092

46908B

BA9093

38908B

C89094

2A908A

D69094

1B9089

E59095

0D9088

F39096

009087

FF9097

# Harmonies

## Analogous

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



83908A



80908F



808F94

# Triad

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



80908F



918B95



948B83

# Complementary

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



80908F



908081

# 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.



988A86



80908F



968990

# Square

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



80908F



8A8C97



98898A



8F8D82

# Rectangle

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



80908F



838F96



98898A



968B83



# Sweetspot

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



80908F



B5BABA



819080



5B5E5E



DEDEDE



5E5E5E



# Same Dimension

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



80908F



A2BAB9



808990



404747



00877F



000807



# Inverse Universe

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



908081



BAA2A3



908780



474041



870008



080000



# Previews

## White Background



This preview shows how the Hex color 80908F looks on a white background.

## Color Contrast Check

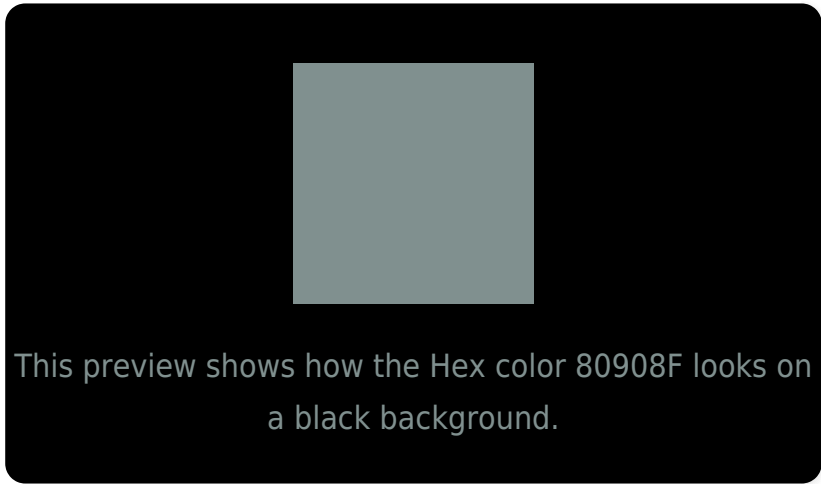
Large Text (above 18pt) WCAG AA ✓ Pass

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

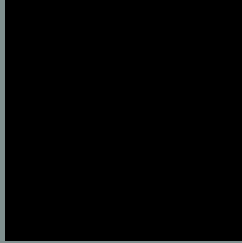
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

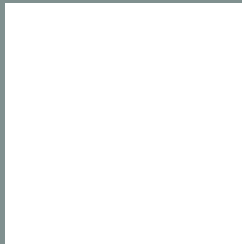
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 80908F Background



This preview shows how black text looks on a background with the Hex color 80908F.

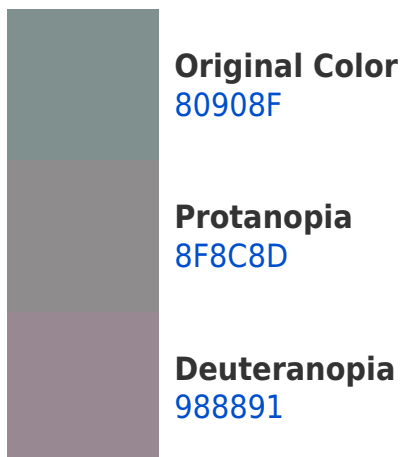


This preview shows how white text looks on a background with the Hex color 80908F.

# 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**  
828E9A

# Trichromacy



**Original Color**  
80908F

**Protanomaly**  
8A8D8E

**Deuteranomaly**  
8F8B90

**Tritanomaly**  
818F96

# Monochromacy



**Original Color**  
80908F

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
878D8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80908F 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 #80908F looks like.

```
.text, #text, p{  
    color:#80908F  
}
```

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 #80908F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80908F
}
```

## Border

The CSS property to change the border of an element to Hex 80908F 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
#80908F }
```

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

```
.border{ border-color:#80908F }
```

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

Here you see how a box with a 4 pixel #80908F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80908F; -webkit-box-shadow:4px 4px  
4px 4px #80908F; box-shadow:4px 4px 4px  
4px #80908F }
```

# Background

The CSS property to change the background color of an element to Hex 80908F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80908F }
```

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

```
.background{ background-color:#80908F }
```

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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