

# Converting Colors

Hex(808D80)

Have a look what the booklet for  
Hex(808D80) contains.

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# Color

**Hex(808D80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	808D80
RGB	128, 141, 128
RGB Percent	50%, 55%, 50%
CMY	0.4980, 0.4471, 0.4980
CMYK	0.09, 0.00, 0.09, 0.45
HSL	120°, 5%, 53%
HSV	120°, 9%, 55%
XYZ	22.3232, 25.1975, 24.1091
YIQ	135.6310, -3.5750, -6.7990

# Conversions

## Conversions Part 2

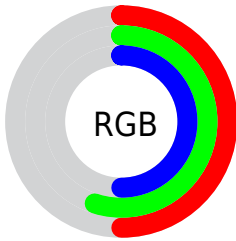
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 141, 141
Decimal	8424832
CIELab	57.27, -7.32, 5.33
CIElCh	57, 9.050, 143.940
Yxy	25.1975, 0.3116, 0.3518
Android (android.graphics.Color)	4286614912 (0xFF808D80)
YUV	135.6310, -3.7621, -6.6924
Hunter-Lab	50.1971, -8.4638, 6.6616

# Details

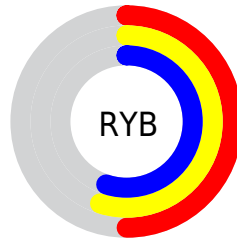
The Hex color **808D80** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8D808D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B5C3B5**, and **4F5B4F** is the 20% darker color. If you saturate the color by 10%, you get **728D72**, and if you desaturate by 10%, it is **8E8D8E**.

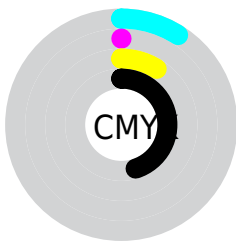
# Distribution



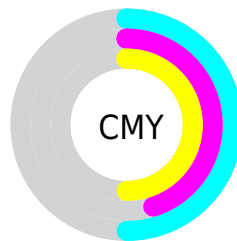
- Red (50%)
- Green (55%)
- Blue (50%)



- Red (50%)
- Yellow (55%)
- Blue (55%)



- Cyan (9%)
- Magenta (0%)
- Yellow (9%)
- Black (45%)



- Cyan (50%)
- Magenta (45%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 808D80 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 808D80 by changing the saturation by 10% instead.



 808D80

 808D80

FFFFFF

 677367

 B5C3B5

 4F5B4F

 D0DFD0

 384338

 EDFBED

 222D23

 0D190D

 000000

 808D80

 808D80

 728D72

 8E8D8E

 648D64

 9C8D9C

■ 568D56

■ AA8DAA

■ 488D48

■ B88DB8

■ 3A8D3A

■ C78DC7

■ 2B8D2B

■ D58DD5

■ 1D8D1D

■ E38DE3

■ 0F8D0F

■ F18DF1

■ 018D01

■ FF8DFF

# Harmonies

## Analogous

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



898B7B



808D80



798E88

# Triad

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



808D80



7F8B99



9B8483

# Complementary

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



808D80



8D808D

# 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.



99848B



808D80



898898

# Square

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



808D80



788D96



928693



98867D

# Rectangle

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



808D80



768E8D



928693



9B8486



# Sweetspot

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



808D80



B2B8B2



8D8D80



585C58



DBDBDB



5C5C5C



# Same Dimension

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



808D80



A3B8A3



808D87



404740



008700



000800



# Inverse Universe

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



8D808D



B8A3B8



8D8087



474047



870087



080008



# Previews

## White Background



This preview shows how the Hex color 808D80 looks on a white background.

## Color Contrast Check

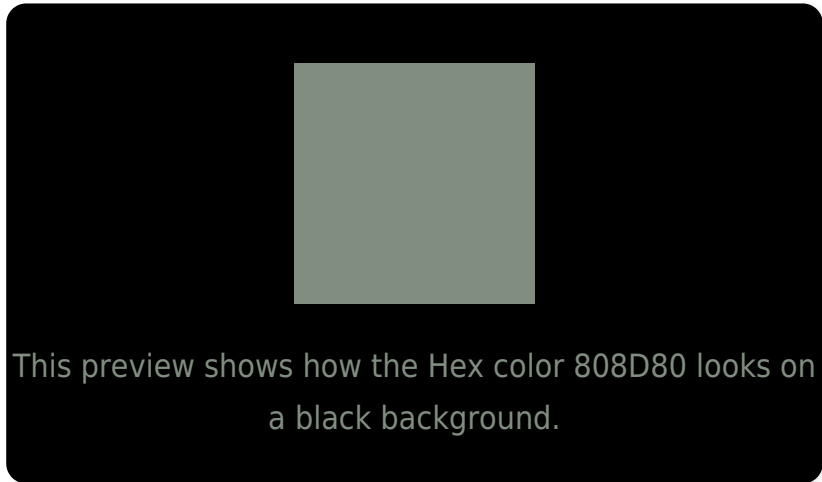
Large Text (above 18pt) WCAG AA ✓ Pass

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

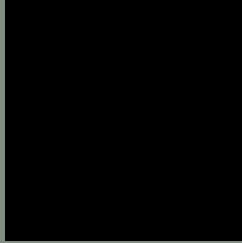
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

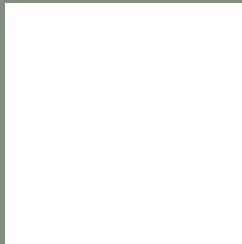
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 808D80 Background



This preview shows how black text looks on a background with the Hex color 808D80.

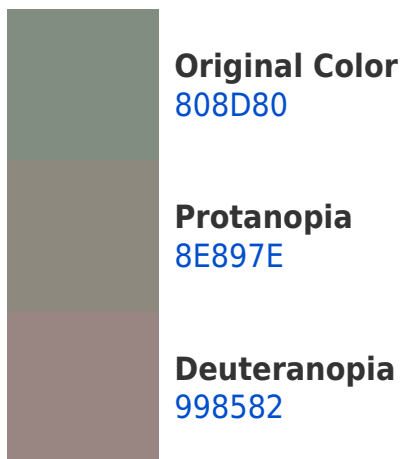


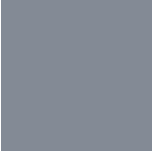
This preview shows how white text looks on a background with the Hex color 808D80.

# 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**  
838A95

# Trichromacy



**Original Color**  
808D80

**Protanomaly**  
898A7F

**Deuteranomaly**  
908881

**Tritanomaly**  
828B8D

# Monochromacy



**Original Color**  
808D80

**Achromatopsia**  
888888

**Achromatomaly**  
858A85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 808D80 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 #808D80 looks like.

```
.text, #text, p{  
    color:#808D80  
}
```

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 #808D80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808D80
}
```

## Border

The CSS property to change the border of an element to Hex 808D80 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
#808D80 }
```

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

```
.border{ border-color:#808D80 }
```

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

Here you see how a box with a 4 pixel #808D80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808D80; -webkit-box-shadow:4px 4px  
4px 4px #808D80; box-shadow:4px 4px 4px  
4px #808D80 }
```

# Background

The CSS property to change the background color of an element to Hex 808D80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808D80 }
```

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

```
.background{ background-color:#808D80 }
```

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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