

# Converting Colors

Hex(808C5F)

Have a look what the booklet for  
Hex(808C5F) contains.

|  |    |
|--|----|
| <b>Hex(808C5F)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Hex(808C5F)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 808C5F                     |
| RGB           | 128, 140, 95               |
| RGB Percent   | 50%, 55%, 37%              |
| CMY           | 0.4980, 0.4510, 0.6275     |
| CMYK          | 0.09, 0.00, 0.32, 0.45     |
| HSL           | 76°, 19%, 46%              |
| HSV           | 76°, 32%, 55%              |
| XYZ           | 20.3457, 24.1716, 14.4197  |
| YIQ           | 131.2820, 7.2930, -16.5390 |

# Conversions

## Conversions Part 2

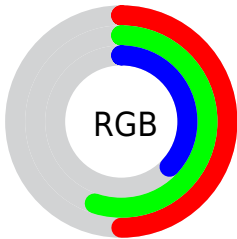
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 95, 140, 107                   |
| Decimal                             | 8424543                        |
| CIE <sub>Lab</sub>                  | 56.26, -12.36, 22.64           |
| CIE <sub>LCh</sub>                  | 56, 25.796, 118.637            |
| Yxy                                 | 24.1716, 0.3452,<br>0.4101     |
| Android<br>(android.graphics.Color) | 4286614623<br>(0xFF808C5F)     |
| YUV                                 | 131.2820, -17.8870,<br>-2.8783 |
| Hunter-Lab                          | 49.1646, -12.1696,<br>17.0258  |

# Details

The Hex color **808C5F** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6B5F8C**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B5C292**, and **4E5A30** is the 20% darker color. If you saturate the color by 10%, you get **7C8C51**, and if you desaturate by 10%, it is **848C6D**.

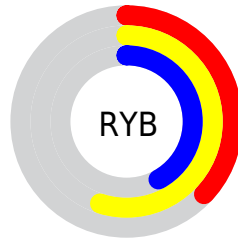
# Distribution



Red (50%)

Green (55%)

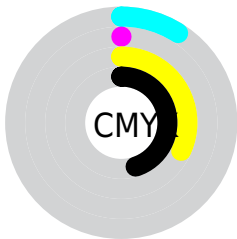
Blue (37%)



Red (37%)

Yellow (55%)

Blue (42%)

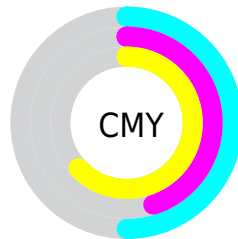


Cyan (9%)

Magenta (0%)

Yellow (32%)

Black (45%)



Cyan (50%)

Magenta (45%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 808C5F 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 808C5F by changing the saturation by 10% instead.





808C5F



808C5F

FFFFFF



677347



B5C292



4E5A30



D1DDAD



37431A



EEFAC8



212C02



FFFFE4



031900



000000



808C5F



808C5F



7C8C51



848C6D



798C43



878C7B

758C35

8B8C89

718C27

8F8C97

6D8C19

938CA5

6A8C0B

968CB3

678C00

9A8CC1

9E8CCF

A28CDD

# Harmonies

## Analogous

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



98855A



808C5F



66916F

# Triad

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



808C5F



498FAD



B17689

# Complementary

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



808C5F



6B5F8C

# 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.



A37A9F



808C5F



6889B3

# Square

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



808C5F



3E939C



8981AE



B37872

# Rectangle

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



808C5F



55937D



8981AE



AE7790



# Sweetspot

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



808C5F



B0B5A3



8C6B5F



595C51



DBDBDB



5C5C5C



# Same Dimension

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



808C5F



A2B56E



6A8C5F



43453E



618500



040500



# Inverse Universe

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



6B5F8C



816EB5



825F8C



403E45



230085



010005



# Previews

## White Background



This preview shows how the Hex color 808C5F looks on a white background.

## Color Contrast Check

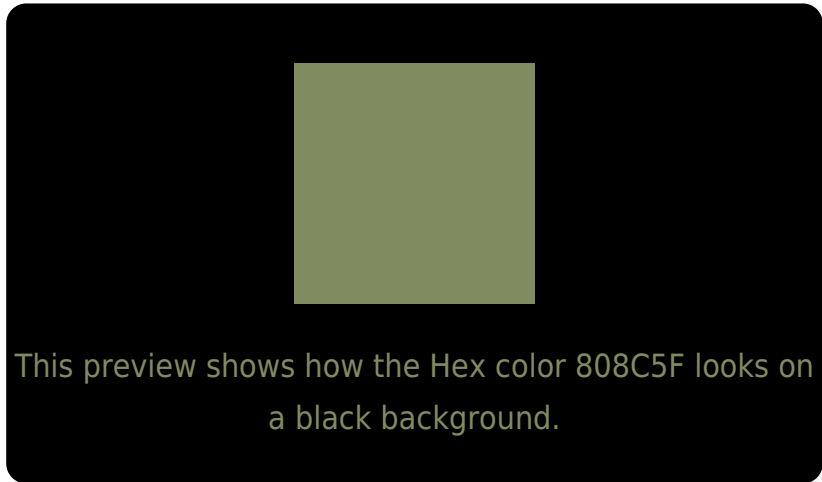
Large Text (above 18pt) WCAG AA ✓ Pass

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

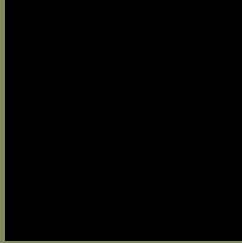
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

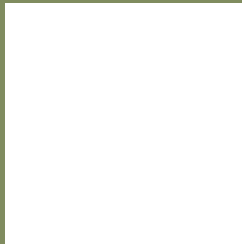
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 808C5F Background



This preview shows how black text looks on a background with the Hex color 808C5F.

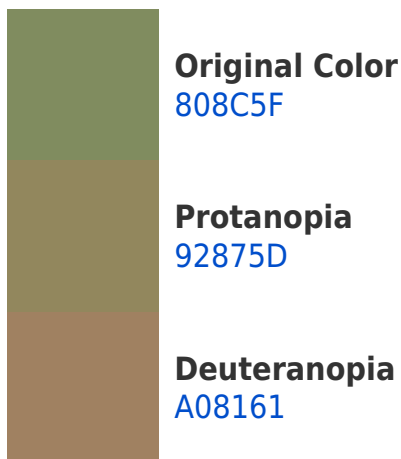


This preview shows how white text looks on a background with the Hex color 808C5F.

# 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



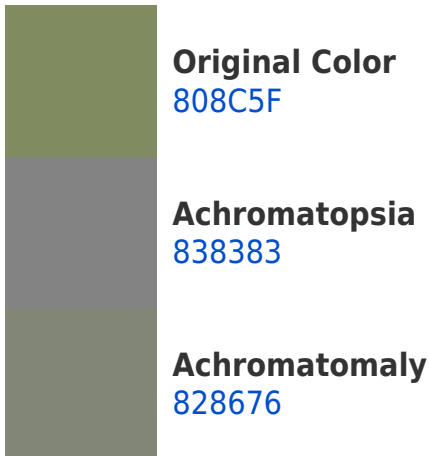


**Tritanopia**  
878690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 808C5F 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 #808C5F looks like.

```
.text, #text, p{  
    color:#808C5F  
}
```

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 #808C5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #808C5F
}
```

## Border

The CSS property to change the border of an element to Hex 808C5F 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
#808C5F }
```

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

```
.border{ border-color:#808C5F }
```

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

Here you see how a box with a 4 pixel #808C5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #808C5F; -webkit-box-shadow:4px 4px  
4px 4px #808C5F; box-shadow:4px 4px 4px  
4px #808C5F }
```

# Background

The CSS property to change the background color of an element to Hex 808C5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#808C5F }
```

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

```
.background{ background-color:#808C5F }
```

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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