

# Converting Colors

Hex(80800C)

Have a look what the booklet for  
Hex(80800C) contains.

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**Color**

**Hex(80800C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80800C
RGB	128, 128, 12
RGB Percent	50%, 50%, 5%
CMY	0.4980, 0.4980, 0.9529
CMYK	0.00, 0.00, 0.91, 0.50
HSL	60°, 83%, 27%
HSV	60°, 91%, 50%
XYZ	16.6876, 20.0541, 3.3391
YIQ	114.7760, 37.2360, -36.0760

# Conversions

## Conversions Part 2

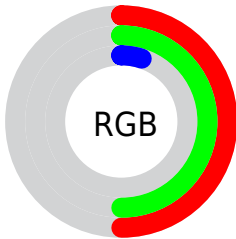
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 128, 12
Decimal	8421388
CIE Lab	51.90, -12.69, 54.46
CIE LCh	52, 55.923, 103.114
Yxy	20.0541, 0.4163, 0.5003
Android (android.graphics.Color)	4286611468 (0xFF80800C)
YUV	114.7760, -50.6686, 11.5974
Hunter-Lab	44.7818, -11.8513, 26.9263

# Details

The Hex color **80800C** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **0C0C80**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **B8B547**, and **4B4F00** is the 20% darker color. If you saturate the color by 10%, you get **808000**, and if you desaturate by 10%, it is **808019**.

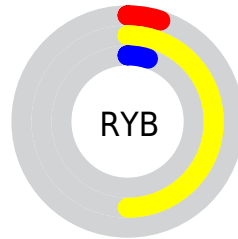
# Distribution



Red (50%)

Green (50%)

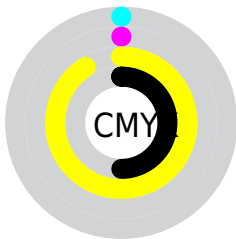
Blue (5%)



Red (5%)

Yellow (50%)

Blue (5%)

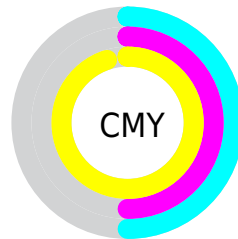


Cyan (0%)

Magenta (0%)

Yellow (91%)

Black (50%)



Cyan (50%)

Magenta (50%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80800C 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 80800C by changing the saturation by 10% instead.



 80800C

 80800C

FFFFFF

 656700

 B8B547

 4B4F00

 D5D062

 313800

 F2EC7C

 182300

 FFFF97

 000D00

 FFFFB3

 000000

 FFFFCE

 FFFFEC

 80800C

 80800C

■ 808000

■ 808019

■ 808026

■ 808032

■ 80803F

■ 80804C

■ 808059

■ 808066

■ 808072

■ 80807F

# Harmonies

## Analogous

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



AA6F17



80800C



4A8B30

# Triad

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



80800C



0090BC



C45299

# Complementary

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



80800C



0C0C80

# 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.



9966C2



80800C



0089D7

# Square

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



80800C



009290



407AD9



D24D69

# Rectangle

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



80800C



008F4E



407AD9



B957A8



# Sweetspot

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



80800C



A6A679



800C0C



545439



D4D4D4



545454



# Same Dimension

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



80800C



A6A600



46800C



404039



808000



000000



# Inverse Universe

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



0C0C80



0000A6



460C80



393940



000080



000000



# Previews

## White Background



This preview shows how the Hex color 80800C looks on a white background.

## Color Contrast Check

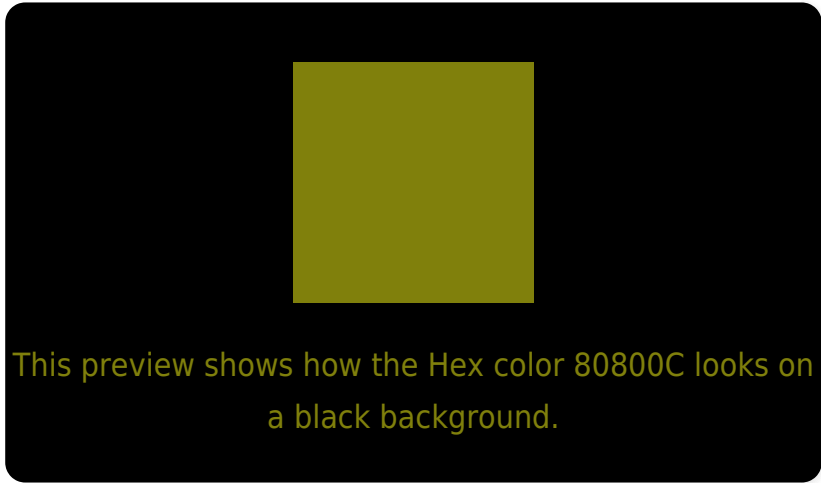
Large Text (above 18pt) WCAG AA ✓ Pass

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 80800C Background



This preview shows how black text looks on a background with the Hex color 80800C.



This preview shows how white text looks on a background with the Hex color 80800C.

# 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**  
80800C

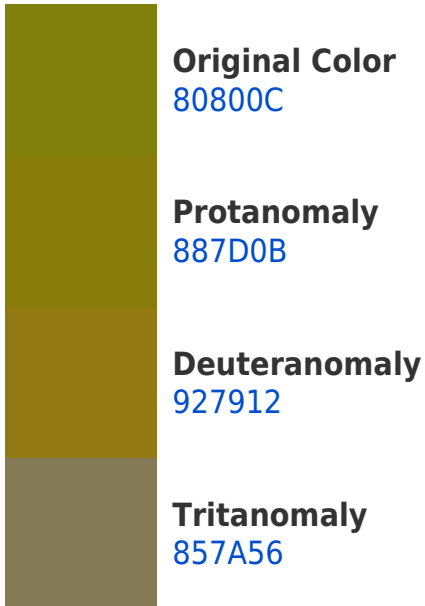
**Protanopia**  
8C7C0A

**Deuteranopia**  
9C7516

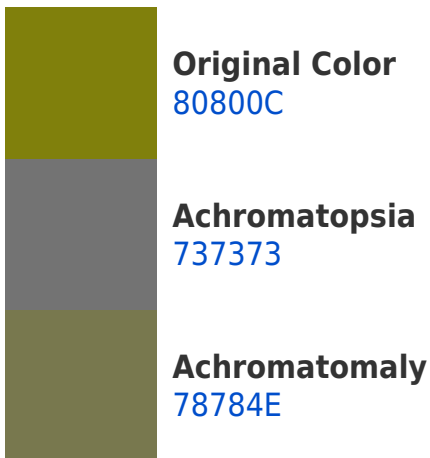


**Tritanopia**  
887780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80800C 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 #80800C looks like.

```
.text, #text, p{  
    color:#80800C  
}
```

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 #80800C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80800C
}
```

## Border

The CSS property to change the border of an element to Hex 80800C 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
#80800C }
```

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

```
.border{ border-color:#80800C }
```

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

Here you see how a box with a 4 pixel #80800C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80800C; -webkit-box-shadow:4px 4px  
4px 4px #80800C; box-shadow:4px 4px 4px  
4px #80800C }
```

# Background

The CSS property to change the background color of an element to Hex 80800C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80800C }
```

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

```
.background{ background-color:#80800C }
```

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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