

Converting Colors

Hex(800C0C)

Have a look what the booklet for
Hex(800C0C) contains.

Hex(800C0C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(800C0C)

Conversions

Conversions Part 1

Format	Color
Hex	800C0C
RGB	128, 12, 12
RGB Percent	50%, 5%, 5%
CMY	0.4980, 0.9529, 0.9529
CMYK	0.00, 0.91, 0.91, 0.50
HSL	0°, 83%, 27%
HSV	0°, 91%, 50%
XYZ	9.0999, 4.8787, 0.8099
YIQ	46.6840, 69.1360, 24.5920

Conversions

Conversions Part 2

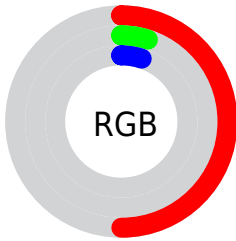
Format	Color
R_{YB}	128, 12, 12
Decimal	8391692
CIE _{Lab}	26.39, 46.04, 33.91
CIE _{LCh}	26, 57.178, 36.374
Yxy	4.8787, 0.6153, 0.3299
Android (android.graphics.Color)	4286581772 (0xFF800C0C)
YUV	46.6840, -17.0992, 71.3141
Hunter-Lab	22.0877, 34.8866, 13.2874

Details

The Hex color **800C0C** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0C8080**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **BC4838**, and **460000** is the 20% darker color. If you saturate the color by 10%, you get **800000**, and if you desaturate by 10%, it is **801919**.

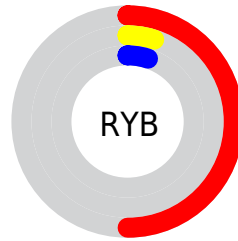
Distribution



Red (50%)

Green (5%)

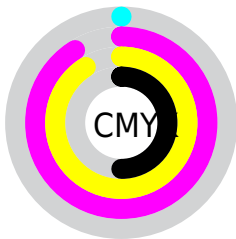
Blue (5%)



Red (50%)

Yellow (5%)

Blue (5%)

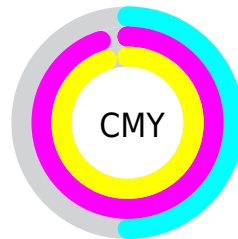


Cyan (0%)

Magenta (91%)

Yellow (91%)

Black (50%)



Cyan (50%)

Magenta (95%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 800C0C 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 800C0C by changing the saturation by 10% instead.

 800C0C

 800C0C

 FFFFEE

 630000

 BC4838

 460000

 DB624F

 2B0001

 FA7D67

 000000

 FF9880

 FFB39B

 FFD0B6

 FFEDD1

 800C0C

 800C0C

■ 800000

■ 801919

■ 802626

■ 803232

■ 803F3F

■ 804C4C

■ 805959

■ 806666

■ 807272

■ 807F7F

Harmonies

Analogous

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



870037



800C0C



682E00

Triad

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



800C0C



004E18



004297

Complementary

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



800C0C



0C8080

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.



004C8F



800C0C



005047

Square

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



800C0C



124900



005072



462D86

Rectangle

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



800C0C



523B00



005072



004697

Sweetspot

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



800C0C



A67979



800C80



543939



D4D4D4



545454

Same Dimension

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



800C0C



A60000



80460C



403939



800000



000000

Inverse Universe

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



0C8080



00A6A6



0C4680



394040



008080



000000

Previews

White Background



This preview shows how the Hex color 800C0C looks on a white background.

Color Contrast Check

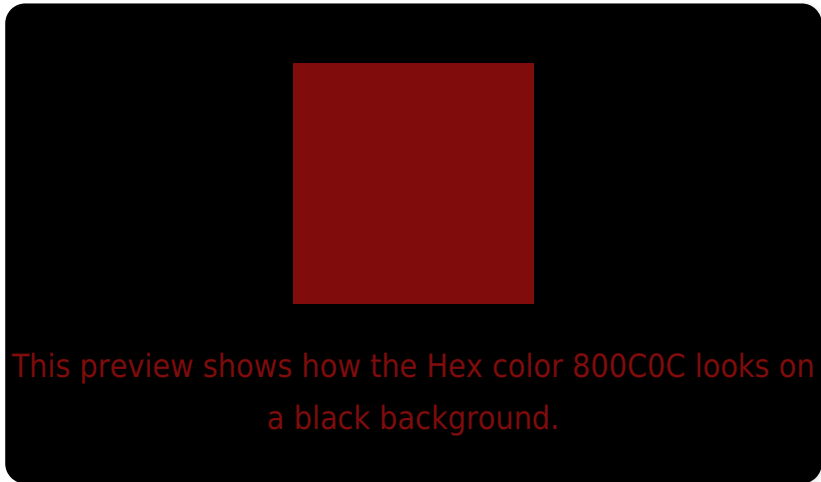
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 800C0C Background



This preview shows how black text looks on a background with the Hex color 800C0C.



This preview shows how white text looks on a background with the Hex color 800C0C.

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
800C0C

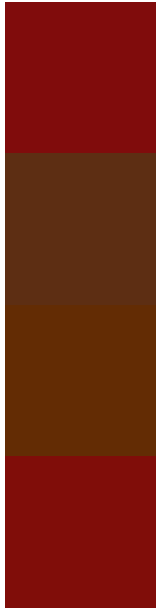
Protanopia
494117

Deuteranopia
523E00



Tritanopia
800D07

Trichromacy



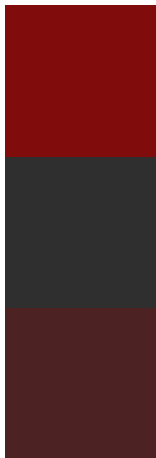
Original Color
800C0C

Protanomaly
5D2E13

Deuteranomaly
632C04

Tritanomaly
800D09

Monochromacy



Original Color
800C0C

Achromatopsia
2F2F2F

Achromatomaly
4C2222

CSS Examples

Text

The CSS property to change the color of the text to Hex 800C0C 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 #800C0C looks like.

```
.text, #text, p{  
    color:#800C0C  
}
```

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 #800C0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #800C0C
}
```

Border

The CSS property to change the border of an element to Hex 800C0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

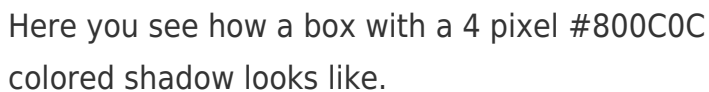
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#800C0C }
```

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

```
.border{ border-color:#800C0C }
```

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



Here you see how a box with a 4 pixel `#800C0C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #800C0C; -webkit-box-shadow:4px 4px  
4px 4px #800C0C; box-shadow:4px 4px 4px  
4px #800C0C }
```

Background

The CSS property to change the background color of an element to Hex 800C0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#800C0C }
```

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

```
.background{ background-color:#800C0C }
```

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