

# Converting Colors

Hex(80390C)

Have a look what the booklet for  
Hex(80390C) contains.

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**Color**

**Hex(80390C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	80390C
RGB	128, 57, 12
RGB Percent	50%, 22%, 5%
CMY	0.4980, 0.7765, 0.9529
CMYK	0.00, 0.55, 0.91, 0.50
HSL	23°, 83%, 27%
HSV	23°, 91%, 50%
XYZ	10.4316, 7.5420, 1.2538
YIQ	73.0990, 56.7610, 1.0570

# Conversions

## Conversions Part 2

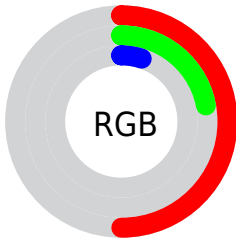
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 86, 12
Decimal	8403212
CIE Lab	33.01, 28.14, 39.34
CIE LCh	33, 48.366, 54.422
Yxy	7.5420, 0.5425, 0.3923
Android (android.graphics.Color)	4286593292 (0xFF80390C)
YUV	73.0990, -30.1218, 48.1482
Hunter-Lab	27.4627, 19.7427, 16.5171

# Details

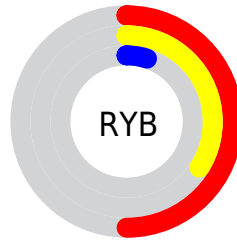
The Hex color **80390C** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0C5380**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **BA6A3B**, and **480900** is the 20% darker color. If you saturate the color by 10%, you get **803200**, and if you desaturate by 10%, it is **804119**.

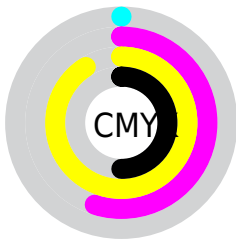
# Distribution



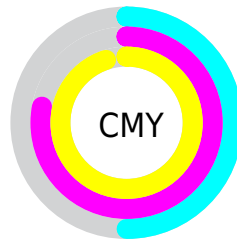
- Red (50%)
- Green (22%)
- Blue (5%)



- Red (50%)
- Yellow (34%)
- Blue (5%)



- Cyan (0%)
- Magenta (55%)
- Yellow (91%)
- Black (50%)



- Cyan (50%)
- Magenta (78%)
- Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80390C 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 80390C by changing the saturation by 10% instead.



 80390C

 80390C

 FFFFF5

 642200

 BA6A3B

 480900

 D88354

 2E0000

 F69E6C

 000000

 FFB986

 FFD5A1

 FFF2BC

 FFFFD8

 80390C

 80390C

■ 803200

■ 804119

■ 804926

■ 805132

■ 80583F

■ 80604C

■ 806859

■ 807066

■ 807872

■ 80807F

# Harmonies

## Analogous

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



8F2731



80390C



654900

# Triad

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



80390C



005E45



3C4794

# Complementary

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



80390C



0C5380

# 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.



00549A



80390C



005F6C

# Square

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



80390C



005B1D



005C8C



74337B

# Rectangle

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



80390C



4E5200



005C8C



0F4C98



# Sweetspot

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



80390C



A68A79



800C54



544439



D4D4D4



545454



# Same Dimension

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



80390C



A64000



80720C



403C39



803100



000000



# Inverse Universe

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



0C5380



0065A6



0C1A80



393D40



004E80



000000



# Previews

## White Background



This preview shows how the Hex color 80390C 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

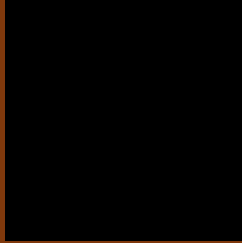
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 80390C Background



This preview shows how black text looks on a background with the Hex color 80390C.



This preview shows how white text looks on a background with the Hex color 80390C.

# 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**  
80390C

**Protanopia**  
584F12

**Deuteranopia**  
634A00



**Tritanopia**  
813539

# Trichromacy



**Original Color**  
80390C

**Protanomaly**  
674710

**Deuteranomaly**  
6E4404

**Tritanomaly**  
813629

# Monochromacy



**Original Color**  
80390C

**Achromatopsia**  
494949

**Achromatomaly**  
5D4333

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80390C 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 #80390C looks like.

```
.text, #text, p{  
    color:#80390C  
}
```

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 #80390C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80390C
}
```

## Border

The CSS property to change the border of an element to Hex 80390C is called "border". The border property can be set on classes, ids or directly on the HTML element.

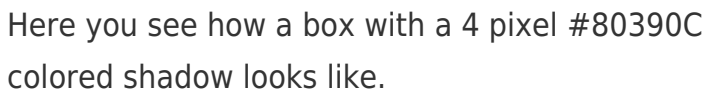
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80390C }
```

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

```
.border{ border-color:#80390C }
```

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



Here you see how a box with a 4 pixel #80390C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80390C; -webkit-box-shadow:4px 4px  
4px 4px #80390C; box-shadow:4px 4px 4px  
4px #80390C }
```

# Background

The CSS property to change the background color of an element to Hex 80390C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80390C }
```

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

```
.background{ background-color:#80390C }
```

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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