

# Converting Colors

Hex(8C0804)

Have a look what the booklet for  
Hex(8C0804) contains.

<b>Hex(8C0804)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(8C0804)**

# Conversions

Conversions Part 1	
Format	Color
Hex	8C0804
RGB	140, 8, 4
RGB Percent	55%, 3%, 2%
CMY	0.4510, 0.9686, 0.9843
CMYK	0.00, 0.94, 0.97, 0.45
HSL	2°, 94%, 28%
HSV	2°, 97%, 55%
XYZ	10.9240, 5.7579, 0.6505
YIQ	47.0120, 79.9560, 26.7400

# Conversions

## Conversions Part 2

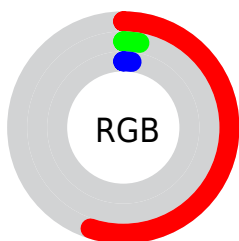
Format	Color
<a href="#">RYB</a>	<a href="#">140, 8, 4</a>
Decimal	<a href="#">9177092</a>
CIELab	<a href="#">28.79, 50.03, 40.34</a>
CIELCh	<a href="#">29, 64.263, 38.882</a>
Yxy	<a href="#">5.7579, 0.6303, 0.3322</a>
Android (android.graphics.Color)	<a href="#">4287367172</a> (0xFF8C0804)
YUV	<a href="#">47.0120, -21.2049, 81.5505</a>
Hunter-Lab	<a href="#">23.9956, 39.2697, 15.1896</a>

# Details

The Hex color **8C0804** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **04888C**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **CA4932**, and **500000** is the 20% darker color. If you saturate the color by 10%, you get **8C0400**, and if you desaturate by 10%, it is **8C1612**.

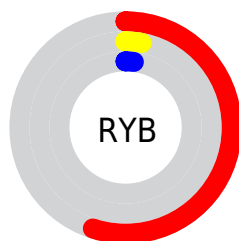
# Distribution



Red (55%)

Green (3%)

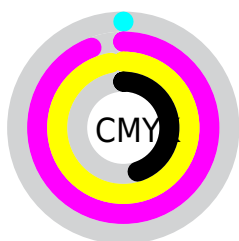
Blue (2%)



Red (55%)

Yellow (3%)

Blue (2%)

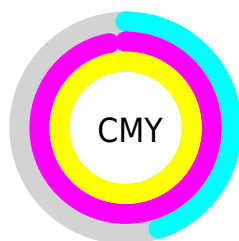


Cyan (0%)

Magenta (94%)

Yellow (97%)

Black (45%)



Cyan (45%)

Magenta (97%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C0804 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 8C0804 by changing the saturation by 10% instead.



 8C0804

 8C0804

 FFFFE8

 6E0000

 CA4932

 500000

 E96449

 360002

 FF7F62

 040000

 FF9A7B

 000000

 FFB695

 FFD3B0

 FFF0CC

 8C0804

 8C0804

 8C0400

 8C1612

 8C2320

 8C312E

 8C3E3C

 8C4C4A

 8C5A58

 8C6766

 8C7574

 8C8282

# Harmonies

## Analogous

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



960038



8C0804



703300

# Triad

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



8C0804



00551D



0046A8

# Complementary

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



8C0804



04888C

# 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.



0053A2



8C0804



005752

# Square

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



8C0804



005100



005782



522D93

# Rectangle

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



8C0804



564200



005782



004CA9



# Sweetspot

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



8C0804



B58281



8C048A



5C3D3C



DBDBDB



5C5C5C



# Same Dimension

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



8C0804



B50500



8C4A04



453E3E



850400



050000



# Inverse Universe

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



04888C



00B0B5



04468C



3E4545



008185

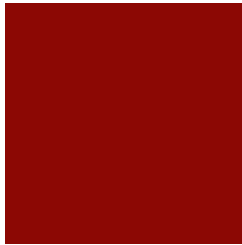


000505



# Previews

## White Background



This preview shows how the Hex color 8C0804 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



This preview shows how the Hex color 8C0804 looks on a 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 8C0804 Background



This preview shows how black text looks on a background with the Hex color 8C0804.



This preview shows how white text looks on a background with the Hex color 8C0804.

# 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**  
8C0804


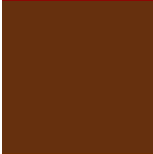
**Protanopia**  
504713

**Deuteranopia**  
594300






**Tritanopia**  
8B0D00

# Trichromacy

	<b>Original Color</b> 8C0804
	<b>Protanomaly</b> 66300E
	<b>Deuteranomaly</b> 6C2E01
	<b>Tritanomaly</b> 8B0B01

# Monochromacy

	<b>Original Color</b> 8C0804
	<b>Achromatopsia</b> 2F2F2F
	<b>Achromatomaly</b> 51211F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C0804 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 #8C0804 looks like.

```
.text, #text, p{  
    color:#8C0804  
}
```

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 #8C0804 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C0804
}
```

## Border

The CSS property to change the border of an element to Hex 8C0804 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
#8C0804 }
```

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

```
.border{ border-color:#8C0804 }
```

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

Here you see how a box with a 4 pixel #8C0804 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C0804; -webkit-box-shadow:4px 4px  
4px 4px #8C0804; box-shadow:4px 4px 4px  
4px #8C0804 }
```

# Background

The CSS property to change the background color of an element to Hex 8C0804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C0804 }
```

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

```
.background{ background-color:#8C0804 }
```

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