

# Converting Colors

Hex(8D0C0F)

Have a look what the booklet for  
Hex(8D0C0F) contains.

<b>Hex(8D0C0F)</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(8D0C0F)

# Conversions

## Conversions Part 1

Format	Color
Hex	8D0C0F
RGB	141, 12, 15
RGB Percent	55%, 5%, 6%
CMY	0.4471, 0.9529, 0.9412
CMYK	0.00, 0.91, 0.89, 0.45
HSL	359°, 84%, 30%
HSV	359°, 91%, 55%
XYZ	11.2022, 5.9602, 1.0119
YIQ	50.9130, 75.9210, 28.2810

# Conversions

## Conversions Part 2

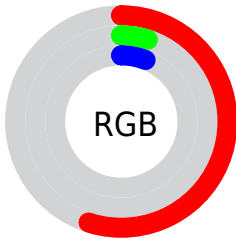
Format	Color
R <sub>Y</sub> B	141, 12, 15
Decimal	9243663
CIE Lab	29.31, 49.84, 36.07
CIE LCh	29, 61.523, 35.899
Yxy	5.9602, 0.6164, 0.3279
Android (android.graphics.Color)	4287433743 (0xFF8D0C0F)
YUV	50.9130, -17.7051, 79.0063
Hunter-Lab	24.4134, 39.1820, 14.6318

# Details

The Hex color **8D0C0F** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0C8D8A**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **CA4A3B**, and **510000** is the 20% darker color. If you saturate the color by 10%, you get **8D0003**, and if you desaturate by 10%, it is **8D1A1D**.

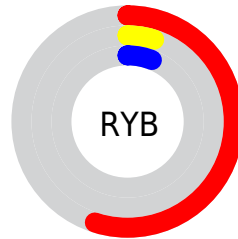
# Distribution



Red (55%)

Green (5%)

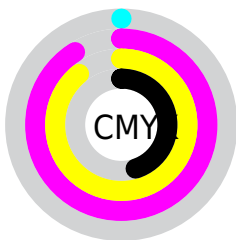
Blue (6%)



Red (55%)

Yellow (5%)

Blue (6%)

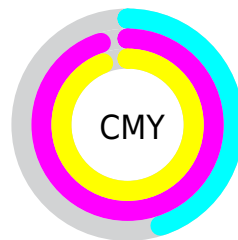


Cyan (0%)

Magenta (91%)

Yellow (89%)

Black (45%)



Cyan (45%)

Magenta (95%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D0C0F 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 8D0C0F by changing the saturation by 10% instead.



 8D0C0F

 8D0C0F

 FFFFF2

 6F0000

 CA4A3B

 510000

 E96552

 370002

 FF806B

 0A0000

 FF9C84

 000000

 FFB89F

 FFD5BA

 FFF2D5

 8D0C0F

 8D0C0F

■ 8D0003

■ 8D1A1D

■ 8D282B

■ 8D3638

■ 8D4446

■ 8D5354

■ 8D6162

■ 8D6F6F

■ 8D7D7D

■ 8D8B8B

# Harmonies

## Analogous

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



95003E



8D0C0F



733300

# Triad

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



8D0C0F



00561A



0049A6

# Complementary

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



8D0C0F



0C8D8A

# 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.



00549D



8D0C0F



00584E

# Square

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



8D0C0F



155100



00587D



4C3294

# Rectangle

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



8D0C0F



5B4100



00587D



004EA6



# Sweetspot

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



8D0C0F



B88687



890C8D



5C3E3F



DBDBDB



5C5C5C



# Same Dimension

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



8D0C0F



B80004



8D480C



474040



870003



080000



# Inverse Universe

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



8D0C0F



B80004



0C518D



474040



870003



080000



# Previews

## White Background



This preview shows how the Hex color 8D0C0F looks on a white background.

## Color Contrast Check

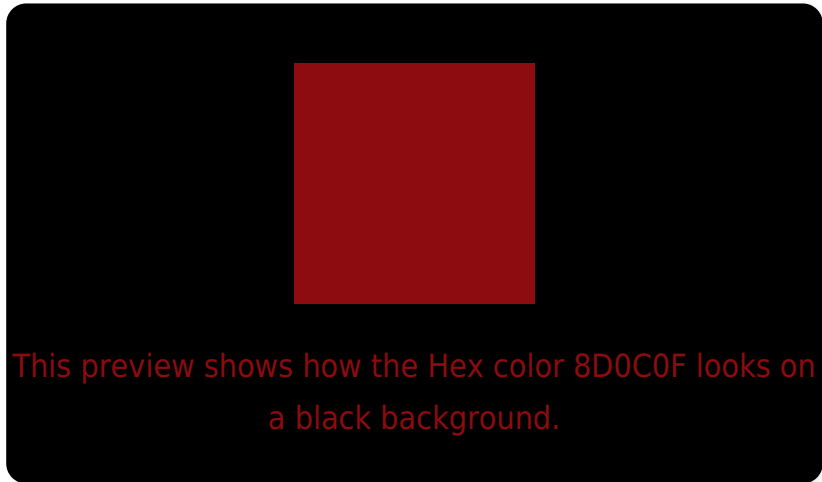
Large Text (above 18pt) WCAG AA ✓ Pass

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 8D0C0F Background



This preview shows how black text looks on a background with the Hex color 8D0C0F.



This preview shows how white text looks on a background with the Hex color 8D0C0F.

# 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**  
8D0C0F

**Protanopia**  
50481B

**Deuteranopia**  
5A4400



**Tritanopia**  
8D0D06

# Trichromacy



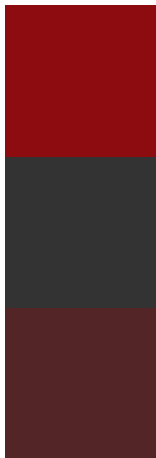
**Original Color**  
8D0C0F

**Protanomaly**  
663217

**Deuteranomaly**  
6D3005

**Tritanomaly**  
8D0D09

# Monochromacy



**Original Color**  
8D0C0F

**Achromatopsia**  
333333

**Achromatomaly**  
542526

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D0C0F 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 #8D0C0F looks like.

```
.text, #text, p{  
    color:#8D0C0F  
}
```

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 #8D0C0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D0C0F
}
```

## Border

The CSS property to change the border of an element to Hex 8D0C0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

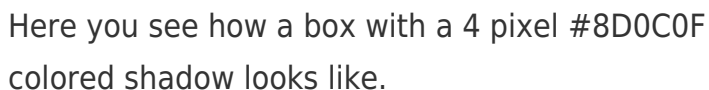
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8D0C0F }
```

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

```
.border{ border-color:#8D0C0F }
```

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



Here you see how a box with a 4 pixel #8D0C0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D0C0F; -webkit-box-shadow:4px 4px  
4px 4px #8D0C0F; box-shadow:4px 4px 4px  
4px #8D0C0F }
```

# Background

The CSS property to change the background color of an element to Hex 8D0C0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D0C0F }
```

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

```
.background{ background-color:#8D0C0F }
```

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