

# Converting Colors

Hex(8D120C)

Have a look what the booklet for  
Hex(8D120C) contains.

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# Color

**Hex(8D120C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D120C
RGB	141, 18, 12
RGB Percent	55%, 7%, 5%
CMY	0.4471, 0.9294, 0.9529
CMYK	0.00, 0.87, 0.91, 0.45
HSL	3°, 84%, 30%
HSV	3°, 91%, 55%
XYZ	11.2672, 6.1219, 0.9356
YIQ	54.0930, 75.2340, 24.2100

# Conversions

## Conversions Part 2

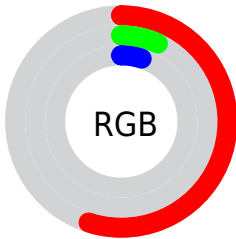
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 18, 12
Decimal	9245196
CIELab	29.72, 48.56, 37.86
CIElCh	30, 61.571, 37.939
Yxy	6.1219, 0.6149, 0.3341
Android (android.graphics.Color)	4287435276 (0xFF8D120C)
YUV	54.0930, -20.7518, 76.2174
Hunter-Lab	24.7424, 37.9858, 15.0777

# Details

The Hex color **8D120C** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0C878D**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **CA4D38**, and **510000** is the 20% darker color. If you saturate the color by 10%, you get **8D0700**, and if you desaturate by 10%, it is **8D1F1A**.

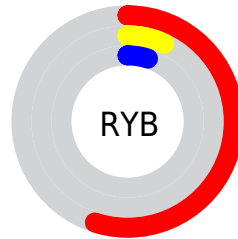
# Distribution



Red (55%)

Green (7%)

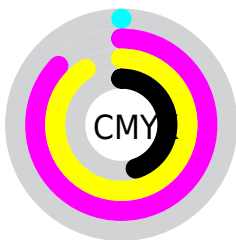
Blue (5%)



Red (55%)

Yellow (7%)

Blue (5%)

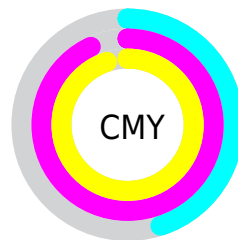


Cyan (0%)

Magenta (87%)

Yellow (91%)

Black (45%)



Cyan (45%)

Magenta (93%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D120C 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 8D120C by changing the saturation by 10% instead.



 8D120C

 8D120C

 FFFFEF

 6F0000

 CA4D38

 510000

 E96850

 370002

 FF8368

 0B0000

 FF9E82

 000000

 FFBA9C

 FFD7B7

 FFF4D3

 8D120C

 8D120C

■ 8D0700

■ 8D1F1A

■ 8D2D28

■ 8D3A36

■ 8D4844

■ 8D5553

■ 8D6361

■ 8D706F

■ 8D7E7D

■ 8D8B8B

# Harmonies

## Analogous

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



96003C



8D120C



723500

# Triad

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



8D120C



00571F



0049A7

# Complementary

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



8D120C



0C878D

# 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.



0055A0



8D120C



005952

# Square

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



8D120C



0E5200



005980



523193

# Rectangle

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



8D120C



594300



005980



004EA7



# Sweetspot

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



8D120C



B88886



8D0C89



5C403E



DBDBDB



5C5C5C



# Same Dimension

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



8D120C



B80900



8D510C



474140



870600



080000



# Inverse Universe

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



0C878D



00AFB8



0C488D



404747



008187



000708



# Previews

## White Background



This preview shows how the Hex color 8D120C 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 8D120C Background



This preview shows how black text looks on a background with the Hex color 8D120C.



This preview shows how white text looks on a background with the Hex color 8D120C.

# 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**  
8D120C

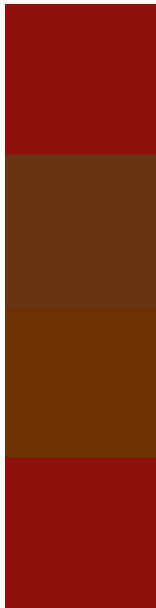
**Protanopia**  
514818

**Deuteranopia**  
5B4500



**Tritanopia**  
8D120F

# Trichromacy



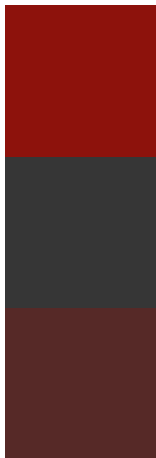
**Original Color**  
8D120C

**Protanomaly**  
673414

**Deuteranomaly**  
6D3204

**Tritanomaly**  
8D120E

# Monochromacy



**Original Color**  
8D120C

**Achromatopsia**  
363636

**Achromatomaly**  
562927

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D120C 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 #8D120C looks like.

```
.text, #text, p{  
  color:#8D120C  
}
```

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 #8D120C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D120C
}
```

## Border

The CSS property to change the border of an element to Hex 8D120C is called "border". The border property can be set on classes, ids or directly on the HTML element.

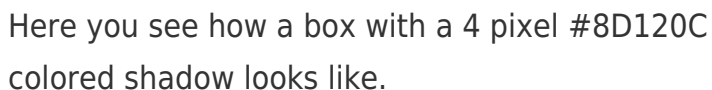
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8D120C }
```

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

```
.border{ border-color:#8D120C }
```

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



Here you see how a box with a 4 pixel #8D120C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D120C; -webkit-box-shadow:4px 4px  
4px 4px #8D120C; box-shadow:4px 4px 4px  
4px #8D120C }
```

# Background

The CSS property to change the background color of an element to Hex 8D120C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D120C }
```

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

```
.background{ background-color:#8D120C }
```

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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