

# Converting Colors

Hex(8D0C13)

Have a look what the booklet for  
Hex(8D0C13) contains.

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# Color

**Hex(8D0C13)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 8D0C13                    |
| RGB           | 141, 12, 19               |
| RGB Percent   | 55%, 5%, 7%               |
| CMY           | 0.4471, 0.9529, 0.9255    |
| CMYK          | 0.00, 0.91, 0.87, 0.45    |
| HSL           | 357°, 84%, 30%            |
| HSV           | 357°, 91%, 55%            |
| XYZ           | 11.2335, 5.9727, 1.1769   |
| YIQ           | 51.3690, 74.6370, 29.5250 |

# Conversions

## Conversions Part 2

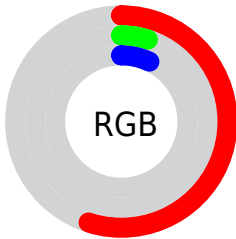
| Format                              | Color                                          |
|-------------------------------------|------------------------------------------------|
| <a href="#">RYB</a>                 | <a href="#">141, 12, 19</a>                    |
| Decimal                             | <a href="#">9243667</a>                        |
| CIELab                              | <a href="#">29.34, 49.93, 33.96</a>            |
| CIELCh                              | <a href="#">29, 60.382, 34.221</a>             |
| Yxy                                 | <a href="#">5.9727, 0.6111,<br/>0.3249</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4287433747<br/>(0xFF8D0C13)</a>    |
| YUV                                 | <a href="#">51.3690, -15.9579,<br/>78.6064</a> |
| Hunter-Lab                          | <a href="#">24.4391, 39.2799,<br/>14.2522</a>  |

# Details

The Hex color **8D0C13** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0C8D86**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **CA4B3F**, and **520000** is the 20% darker color. If you saturate the color by 10%, you get **8D0008**, and if you desaturate by 10%, it is **8D1A20**.

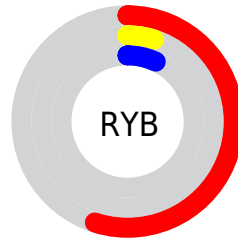
# Distribution



Red (55%)

Green (5%)

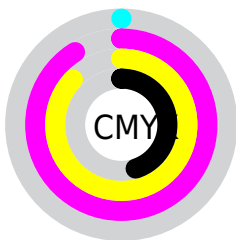
Blue (7%)



Red (55%)

Yellow (5%)

Blue (7%)

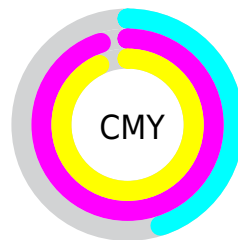


Cyan (0%)

Magenta (91%)

Yellow (87%)

Black (45%)



Cyan (45%)

Magenta (95%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D0C13 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 8D0C13 by changing the saturation by 10% instead.



 8D0C13

 8D0C13

 FFFFF6

 6F0000

 CA4B3F

 520000

 E96556

 370002

 FF816F

 0A0000

 FF9C88

 000000

 FFB8A3

 FFD5BE

 FFF2DA

 8D0C13

 8D0C13

8D0008

8D1A20

8D282E

8D363B

8D4448

8D5356

8D6163

8D6F70

8D7D7E

8D8B8B

# Harmonies

## Analogous

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



930041



8D0C13



753200

# Triad

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



8D0C13



005618



004AA4

# Complementary

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



8D0C13



0C8D86

# 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



8D0C13



00584B

# Square

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



8D0C13



1C5000



005879



473594

# Rectangle

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



8D0C13



5D4000



005879



004EA4



# Sweetspot

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



8D0C13



B88689



840C8D



5C3E40



DBDBDB



5C5C5C



# Same Dimension

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



8D0C13



B8000A



8D440C



474041



870007



080000



# Inverse Universe

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



8D0C13



B8000A



0C558D



474041



870007



080000



# Previews

## White Background



This preview shows how the Hex color 8D0C13 looks on a white background.

## Color Contrast Check

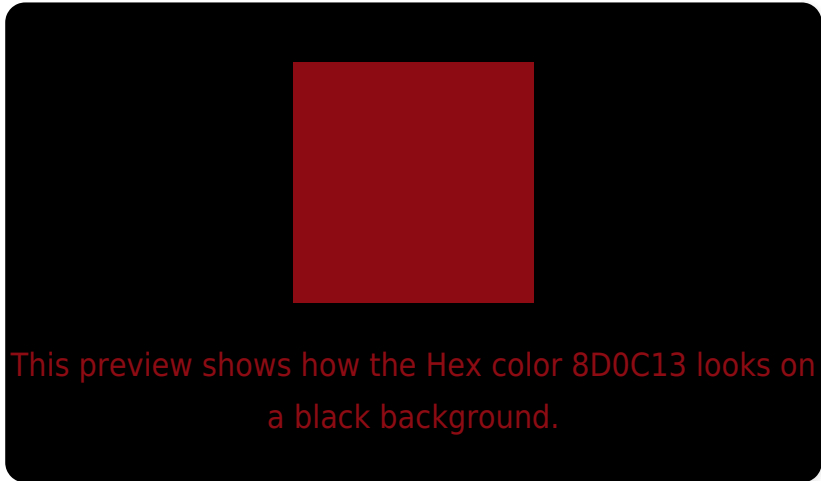
Large Text (above 18pt) WCAG AA ✓ Pass

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 8D0C13 Background



This preview shows how black text looks on a background with the Hex color 8D0C13.



This preview shows how white text looks on a background with the Hex color 8D0C13.

# 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





# Trichromacy



**Original Color**  
8D0C13

**Protanomaly**  
66321B

**Deuteranomaly**  
6D3007

**Tritanomaly**  
8D0D0C

# Monochromacy



**Original Color**  
8D0C13

**Achromatopsia**  
333333

**Achromatomaly**  
542527

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D0C13 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 #8D0C13 looks like.

```
.text, #text, p{  
    color:#8D0C13  
}
```

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 #8D0C13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D0C13
}
```

## Border

The CSS property to change the border of an element to Hex 8D0C13 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
#8D0C13 }
```

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

```
.border{ border-color:#8D0C13 }
```

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

Here you see how a box with a 4 pixel #8D0C13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D0C13; -webkit-box-shadow:4px 4px  
4px 4px #8D0C13; box-shadow:4px 4px 4px  
4px #8D0C13 }
```

# Background

The CSS property to change the background color of an element to Hex 8D0C13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D0C13 }
```

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

```
.background{ background-color:#8D0C13 }
```

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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