

# Converting Colors

Hex(800D0B)

Have a look what the booklet for  
Hex(800D0B) contains.

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# Color

**Hex(800D0B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	800D0B
RGB	128, 13, 11
RGB Percent	50%, 5%, 4%
CMY	0.4980, 0.9490, 0.9569
CMYK	0.00, 0.90, 0.91, 0.50
HSL	1°, 84%, 27%
HSV	1°, 91%, 50%
XYZ	9.1064, 4.9012, 0.7827
YIQ	47.1570, 69.1820, 23.7580

# Conversions

## Conversions Part 2

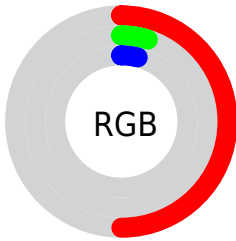
Format	Color
<a href="#">RYB</a>	<a href="#">128, 13, 11</a>
Decimal	<a href="#">8391947</a>
CIELab	<a href="#">26.45, 45.81, 34.41</a>
CIElCh	<a href="#">26, 57.296, 36.912</a>
Yxy	<a href="#">4.9012, 0.6157, 0.3314</a>
Android (android.graphics.Color)	<a href="#">4286582027 (0xFF800D0B)</a>
YUV	<a href="#">47.1570, -17.8254, 70.8993</a>
Hunter-Lab	<a href="#">22.1387, 34.6807, 13.4010</a>

# Details

The Hex color **800D0B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0B7E80**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **BC4837**, and **460000** is the 20% darker color. If you saturate the color by 10%, you get **800200**, and if you desaturate by 10%, it is **801A18**.

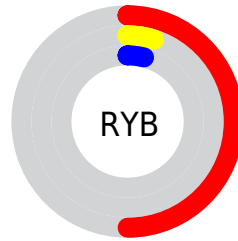
# Distribution



Red (50%)

Green (5%)

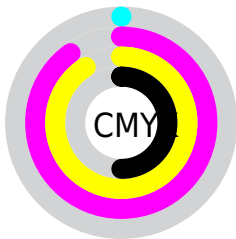
Blue (4%)



Red (50%)

Yellow (5%)

Blue (4%)

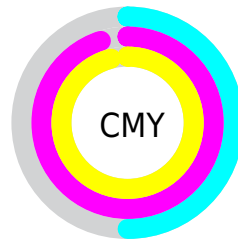


Cyan (0%)

Magenta (90%)

Yellow (91%)

Black (50%)



Cyan (50%)

Magenta (95%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 800D0B 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 800D0B by changing the saturation by 10% instead.



 800D0B

 800D0B

 FFFFED

 630000

 BC4837

 460000

 DB624E

 2B0001

 FA7D66

 000000

 FF9880

 FFB49A

 FFD0B5

 FFEDD0

 800D0B

 800D0B

■ 800200

■ 801A18

■ 802625

■ 803331

■ 803F3E

■ 804C4B

■ 805858

■ 806565

■ 807271

■ 807E7E

# Harmonies

## Analogous

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



880037



800D0B



682F00

# Triad

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



800D0B



004E19



004297

# Complementary

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



800D0B



0B7E80

# 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.



004C90



800D0B



005048

# Square

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



800D0B



114A00



005073



472D86

# Rectangle

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



800D0B



523C00



005073



004697



# Sweetspot

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



800D0B



A67A79



800B7E



543A39



D4D4D4



545454



# Same Dimension

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



800D0B



A60300



80470B



403939



800200



000000



# Inverse Universe

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



0B7E80



00A3A6



0B4480



394040



007D80



000000



# Previews

## White Background



This preview shows how the Hex color 800D0B looks on a white background.

## Color Contrast Check

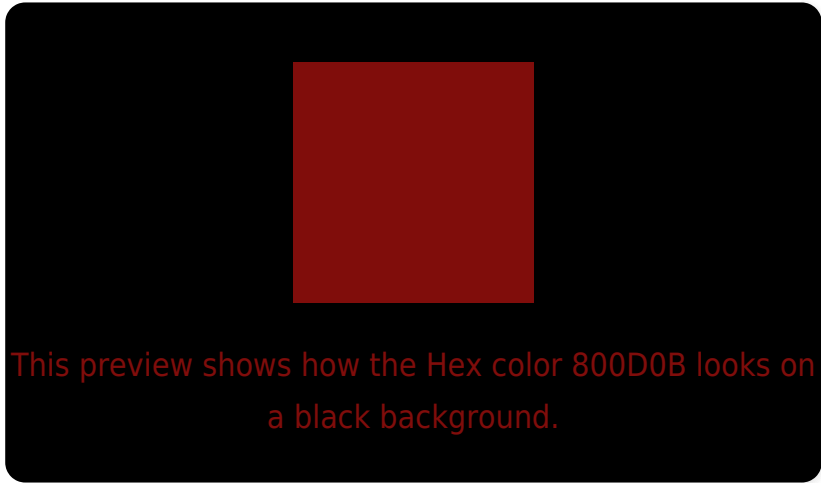
Large Text (above 18pt) WCAG AA ✓ Pass

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 800D0B Background



This preview shows how black text looks on a background with the Hex color 800D0B.



This preview shows how white text looks on a background with the Hex color 800D0B.

# 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**  
800D0B

**Protanopia**  
494116

**Deuteranopia**  
523E00



**Tritanopia**  
800D08

# Trichromacy



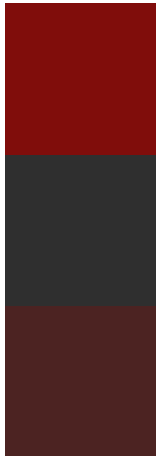
**Original Color**  
800D0B

**Protanomaly**  
5D2E12

**Deuteranomaly**  
632C04

**Tritanomaly**  
800D09

# Monochromacy



**Original Color**  
800D0B

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
4C2322

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 800D0B 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 #800D0B looks like.

```
.text, #text, p{  
    color:#800D0B  
}
```

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 #800D0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #800D0B
}
```

## Border

The CSS property to change the border of an element to Hex 800D0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

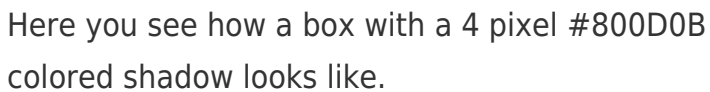
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#800D0B }
```

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

```
.border{ border-color:#800D0B }
```

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



Here you see how a box with a 4 pixel #800D0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #800D0B; -webkit-box-shadow:4px 4px  
4px 4px #800D0B; box-shadow:4px 4px 4px  
4px #800D0B }
```

# Background

The CSS property to change the background color of an element to Hex 800D0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#800D0B }
```

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

```
.background{ background-color:#800D0B }
```

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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