

# Converting Colors

Hex(8000D)

Have a look what the booklet for  
Hex(80000D) contains.

<b>Hex(80000D)</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> .....	21
<i><b>Color Blindness Simulation</b></i> .....	24
<i><b>CSS Examples</b></i> .....	27

**Color**

**Hex(80000D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80000D
RGB	128, 0, 13
RGB Percent	50%, 0%, 5%
CMY	0.4980, 1.0000, 0.9490
CMYK	0.00, 1.00, 0.90, 0.50
HSL	354°, 100%, 25%
HSV	354°, 100%, 50%
XYZ	8.9747, 4.6183, 0.7992
YIQ	39.7540, 72.1150, 31.1790

# Conversions

## Conversions Part 2

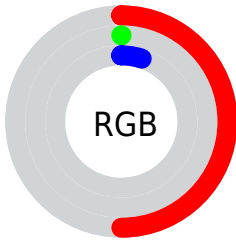
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 0, 13
Decimal	8388621
CIE <sub>Lab</sub>	25.62, 48.29, 32.74
CIE <sub>LCh</sub>	26, 58.345, 34.133
Yxy	4.6183, 0.6236, 0.3209
Android (android.graphics.Color)	4286578701 (0xFF80000D)
YUV	39.7540, -13.1897, 77.3917
Hunter-Lab	21.4901, 36.9377, 12.8382

# Details

The Hex color **80000D** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **008073**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **BC4338**, and **450000** is the 20% darker color. If you saturate the color by 10%, you get **80000D**, and if you desaturate by 10%, it is **800D18**.

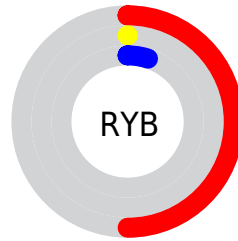
# Distribution



Red (50%)

Green (0%)

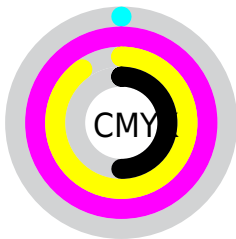
Blue (5%)



Red (50%)

Yellow (0%)

Blue (5%)

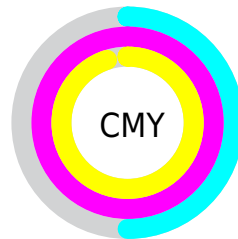


Cyan (0%)

Magenta (100%)

Yellow (90%)

Black (50%)



Cyan (50%)

Magenta (100%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80000D 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 80000D by changing the saturation by 10% instead.



 80000D

 80000D

 FFFFEE

 630000

 BC4338

 450000

 DB5D4F

 2A0001

 FA7868

 000000

 FF9381

 FFAF9B

 FFCCB6

 FFE8D2

 80000D

 800D18

 801A24

 802630

 80333B

 804047

 804D52

 805A5E

 806669

 807375

# Harmonies

## Analogous

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



860039



80000D



692A00

# Triad

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



80000D



004C11



004197

# Complementary

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



80000D



008073

# 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.



004B8D



80000D



004E42

# Square

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



8000D



134700



004E6E



3D2D87

# Rectangle

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



80000D



533800



004E6E



004697



# Sweetspot

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



80000D



A67479



710080



543639



D4D4D4



545454



# Same Dimension

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



80000D



A60011



803100



40393A



000000

# Inverse Universe

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



80000D



A60011



004F80



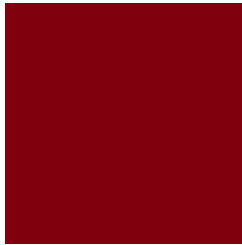
40393A



000000

# Previews

## White Background



This preview shows how the Hex color 80000D looks on a white background.

## Color Contrast Check

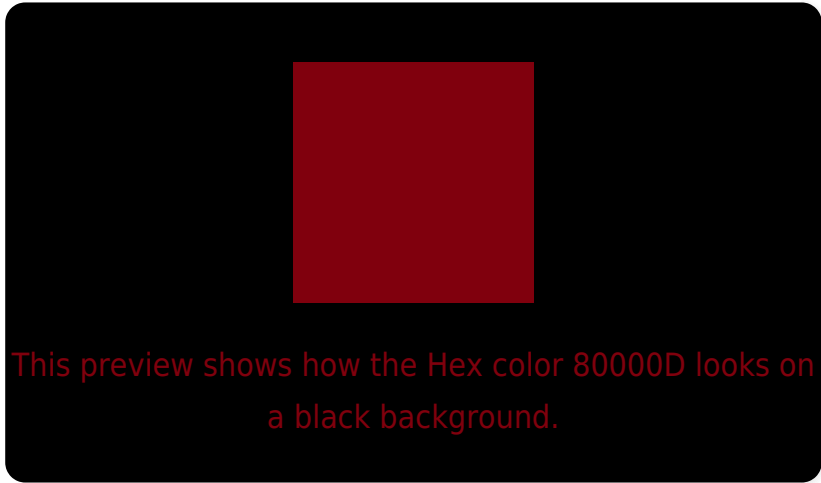
Large Text (above 18pt) WCAG AA ✓ Pass

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 80000D Background



This preview shows how black text looks on a background with the Hex color 80000D.



This preview shows how white text looks on a background with the Hex color 80000D.

# 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**  
80000D

**Protanopia**  
484118

**Deuteranopia**  
523D00





# Trichromacy



**Original Color**  
80000D

**Protanomaly**  
5C2914

**Deuteranomaly**  
632705

**Tritanomaly**  
7F0805

# Monochromacy



**Original Color**  
80000D

**Achromatopsia**  
282828

**Achromatomaly**  
48191E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80000D 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 #80000D looks like.

```
.text, #text, p{  
    color:#80000D  
}
```

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 #80000D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80000D }
}
```

## Border

The CSS property to change the border of an element to Hex 80000D is called "border". The border property can be set on classes, ids or directly on the HTML element.

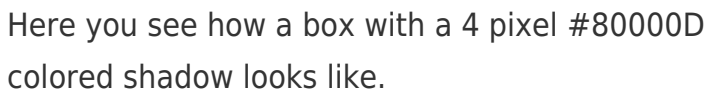
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #80000D }
}
```

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

```
.border{ border-color:#80000D }
```

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



Here you see how a box with a 4 pixel #80000D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80000D; -webkit-box-shadow:4px 4px  
4px 4px #80000D; box-shadow:4px 4px 4px  
4px #80000D }
```

# Background

The CSS property to change the background color of an element to Hex 80000D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80000D }
```

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

```
.background{ background-color:#80000D }
```

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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