

Converting Colors

Hex(80400D)

Have a look what the booklet for
Hex(80400D) contains.

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Color

Hex(80400D)

Conversions

Conversions Part 1

Format	Color
Hex	80400D
RGB	128, 64, 13
RGB Percent	50%, 25%, 5%
CMY	0.4980, 0.7490, 0.9490
CMYK	0.00, 0.50, 0.90, 0.50
HSL	27°, 82%, 28%
HSV	27°, 90%, 50%
XYZ	10.8081, 8.2850, 1.4103
YIQ	77.3220, 54.5150, -2.2930

Conversions

Conversions Part 2

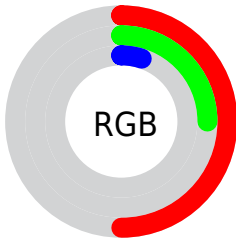
Format	Color
R_YB	128, 105, 13
Decimal	8405005
CIE Lab	34.57, 24.26, 40.22
CIE LCh	35, 46.972, 58.897
Yxy	8.2850, 0.5271, 0.4041
Android (android.graphics.Color)	4286595085 (0xFF80400D)
YUV	77.3220, -31.7107, 44.4446
Hunter-Lab	28.7838, 16.6541, 17.2436

Details

The Hex color **80400D** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0D4D80**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **BA713D**, and **481300** is the 20% darker color. If you saturate the color by 10%, you get **803900**, and if you desaturate by 10%, it is **80471A**.

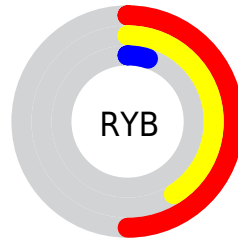
Distribution



Red (50%)

Green (25%)

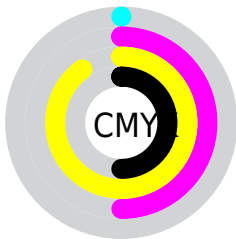
Blue (5%)



Red (50%)

Yellow (41%)

Blue (5%)

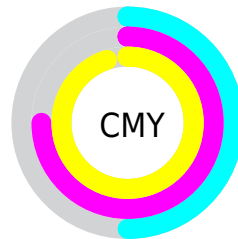


Cyan (0%)

Magenta (50%)

Yellow (90%)

Black (50%)



Cyan (50%)

Magenta (75%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80400D 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 80400D by changing the saturation by 10% instead.

 80400D

 80400D

 FFFFF7

 642900

 BA713D

 481300

 D88A55

 2E0000

 F6A56E

 020000

 FFC088

 000000

 FFDCA3

 FFF9BE

 FFFFDA

 80400D

 80400D

■ 803900

■ 80471A

■ 804E27

■ 805533

■ 805C40

■ 80644D

■ 806B5A

■ 807267

■ 807973

■ 808080

Harmonies

Analogous

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



912F30



80400D



644F00

Triad

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



80400D



00624F



4C4893

Complementary

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



80400D



0D4D80

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.



00569C



80400D



006275

Square

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



80400D



005F28



005F91



7C3679

Rectangle

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



80400D



4C5700



005F91



314D99

Sweetspot

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



80400D



A68D79



800D4E



544539



D4D4D4



545454

Same Dimension

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



80400D



A64A00



80780D



403C39



803900



000000

Inverse Universe

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



0D4D80



005CA6



0D1580



393D40



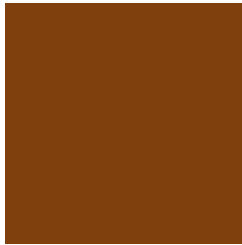
004780



000000

Previews

White Background



This preview shows how the Hex color 80400D looks on a white background.

Color Contrast Check

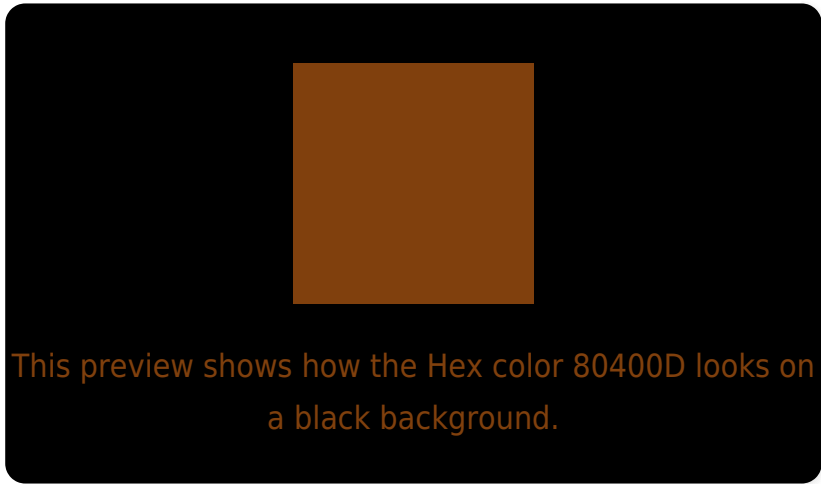
Large Text (above 18pt) WCAG AA ✓ Pass

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

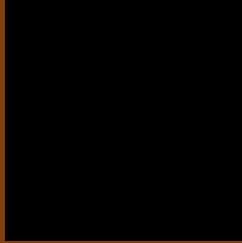
Any Text WCAG AA × Fail

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 80400D Background



This preview shows how black text looks on a background with the Hex color 80400D.



This preview shows how white text looks on a background with the Hex color 80400D.

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
80400D

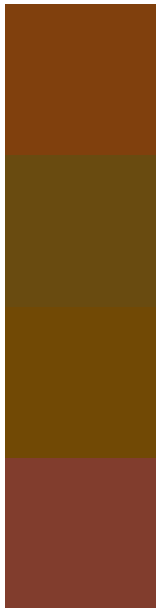
Protanopia
5C5212

Deuteranopia
684E00



Tritanopia
823C40

Trichromacy



Original Color
80400D

Protanomaly
694B10

Deuteranomaly
714905

Tritanomaly
813D2D

Monochromacy



Original Color
80400D

Achromatopsia
4D4D4D

Achromatomaly
604836

CSS Examples

Text

The CSS property to change the color of the text to Hex 80400D 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 #80400D looks like.

```
.text, #text, p{  
    color:#80400D  
}
```

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 #80400D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80400D
}
```

Border

The CSS property to change the border of an element to Hex 80400D is called "border". The border property can be set on classes, ids or directly on the HTML element.

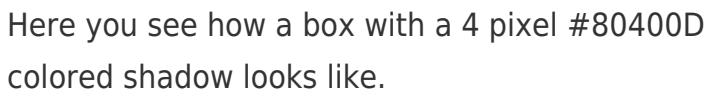
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80400D }
```

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

```
.border{ border-color:#80400D }
```

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



Here you see how a box with a 4 pixel #80400D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80400D; -webkit-box-shadow:4px 4px  
4px 4px #80400D; box-shadow:4px 4px 4px  
4px #80400D }
```

Background

The CSS property to change the background color of an element to Hex 80400D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80400D }
```

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

```
.background{ background-color:#80400D }
```

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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