

Converting Colors

Hex(78300B)

Have a look what the booklet for
Hex(78300B) contains.

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Color

Hex(78300B)

Conversions

Conversions Part 1

Format	Color
Hex	78300B
RGB	120, 48, 11
RGB Percent	47%, 19%, 4%
CMY	0.5294, 0.8118, 0.9569
CMYK	0.00, 0.60, 0.91, 0.53
HSL	20°, 83%, 26%
HSV	20°, 91%, 47%
XYZ	8.8631, 6.1311, 1.0329
YIQ	65.3100, 54.7890, 3.7570

Conversions

Conversions Part 2

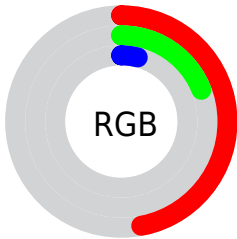
Format	Color
R_{YB}	120, 67, 11
Decimal	7876619
CIE Lab	29.74, 29.58, 36.53
CIE LCh	30, 46.999, 51.002
Yxy	6.1311, 0.5530, 0.3825
Android (android.graphics.Color)	4286066699 (0xFF78300B)
YUV	65.3100, -26.7748, 47.9631
Hunter-Lab	24.7611, 20.5609, 14.8595

Details

The Hex color **78300B** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0B5378**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **B26039**, and **400000** is the 20% darker color. If you saturate the color by 10%, you get **782900**, and if you desaturate by 10%, it is **783817**.

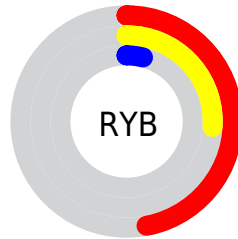
Distribution



Red (47%)

Green (19%)

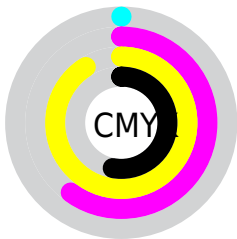
Blue (4%)



Red (47%)

Yellow (26%)

Blue (4%)

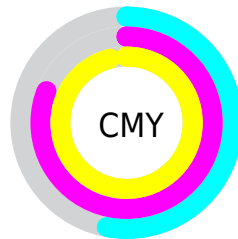


Cyan (0%)

Magenta (60%)

Yellow (91%)

Black (53%)



Cyan (53%)

Magenta (81%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78300B 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 78300B by changing the saturation by 10% instead.

 78300B

 78300B

 FFFFFF1

 5C1800

 B26039

 400000

 D07A51

 290001

 EE946A

 000000

 FFAF83

 FFCB9E

 FFE7B9

 FFFFD5

 78300B

 78300B

■ 782900

■ 783817

■ 784023

■ 78482F

■ 78503B

■ 785847

■ 786053

■ 78675F

■ 786F6B

■ 787777

Harmonies

Analogous

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



851E2E



78300B



5F4100

Triad

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



78300B



005539



29418B

Complementary

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



78300B



0B5378

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.



004E8F



78300B



00565F

Square

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



78300B



005213



00547F



662F75

Rectangle

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



78300B



4A4900



00547F



00468E

Sweetspot

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



78300B



9C8072



780B54



4F3E36



CFCFCF



4F4F4F

Same Dimension

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



78300B



9C3500



78660B



3D3937



7D2A00



FC5600

Inverse Universe

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



0B5378



00679C



0B1D78



373B3D



00537D



00A7FC

Previews

White Background



This preview shows how the Hex color 78300B 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

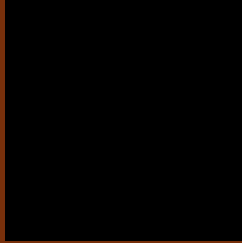
Any Text WCAG AA × Fail

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 78300B Background



This preview shows how black text looks on a background with the Hex color 78300B.



This preview shows how white text looks on a background with the Hex color 78300B.

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
78300B

Protanopia
504711

Deuteranopia
5A4300



Tritanopia
792D30

Trichromacy



Original Color
78300B

Protanomaly
5F3F0F

Deuteranomaly
653C04

Tritanomaly
792E23

Monochromacy



Original Color
78300B

Achromatopsia
414141

Achromatomaly
553B2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 78300B 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 #78300B looks like.

```
.text, #text, p{  
    color:#78300B  
}
```

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 #78300B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78300B
}
```

Border

The CSS property to change the border of an element to Hex 78300B 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
#78300B }
```

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

```
.border{ border-color:#78300B }
```

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

Here you see how a box with a 4 pixel #78300B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78300B; -webkit-box-shadow:4px 4px  
4px 4px #78300B; box-shadow:4px 4px 4px  
4px #78300B }
```

Background

The CSS property to change the background color of an element to Hex 78300B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78300B }
```

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

```
.background{ background-color:#78300B }
```

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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