

Converting Colors

Hex(783C0D)

Have a look what the booklet for
Hex(783C0D) contains.

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Color

Hex(783C0D)

Conversions

Conversions Part 1

Format	Color
Hex	783C0D
RGB	120, 60, 13
RGB Percent	47%, 24%, 5%
CMY	0.5294, 0.7647, 0.9490
CMYK	0.00, 0.50, 0.89, 0.53
HSL	26°, 80%, 26%
HSV	26°, 89%, 47%
XYZ	9.4342, 7.2538, 1.2837
YIQ	72.5820, 50.8470, -1.8970

Conversions

Conversions Part 2

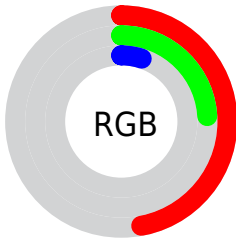
Format	Color
RYB	120, 97, 13
Decimal	7879693
CIELab	32.38, 22.98, 37.89
CIElCh	32, 44.314, 58.766
Yxy	7.2538, 0.5249, 0.4036
Android (android.graphics.Color)	4286069773 (0xFF783C0D)
YUV	72.5820, -29.3739, 41.5856
Hunter-Lab	26.9330, 15.3933, 16.0272

Details

The Hex color **783C0D** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0D4978**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **B16C3C**, and **410F00** is the 20% darker color. If you saturate the color by 10%, you get **783501**, and if you desaturate by 10%, it is **784319**.

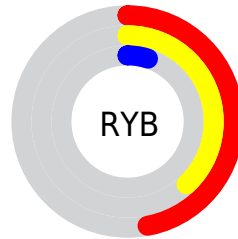
Distribution



Red (47%)

Green (24%)

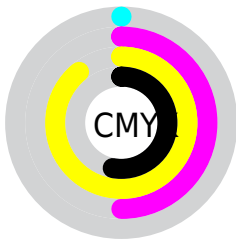
Blue (5%)



Red (47%)

Yellow (38%)

Blue (5%)

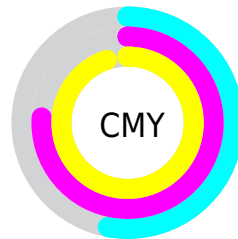


Cyan (0%)

Magenta (50%)

Yellow (89%)

Black (53%)



Cyan (53%)

Magenta (76%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 783C0D 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 783C0D by changing the saturation by 10% instead.

 783C0D

 783C0D

 FFFFF5

 5D2500

 B16C3C

 410F00

 CF8654

 290000

 ECA06D

 000000

 FFBB87

 FFD7A2

 FFF4BD

 FFFFD9

 783C0D

 783C0D

■ 783501

■ 784319

■ 783500

■ 784925

■ 785031

■ 78573D

■ 785E49

■ 786455

■ 786B61

■ 78726D

■ 787979

Harmonies

Analogous

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



882D2D



783C0D



5E4A00

Triad

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



783C0D



005C4A



47438A

Complementary

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



783C0D



0D4978

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.



005192



783C0D



005C6D

Square

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



783C0D



005926



005988



743371

Rectangle

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



783C0D



485100



005988



2E498F

Sweetspot

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



783C0D



9C8472



780D4A



4F4136



CFCFCF



4F4F4F

Same Dimension

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



783C0D



9C4400



78710D



3D3A37



7D3700



FC6F00

Inverse Universe

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



0D4978



00579C



0D1478



373B3D



00467D



008EFC

Previews

White Background



This preview shows how the Hex color 783C0D looks on a white background.

Color Contrast Check

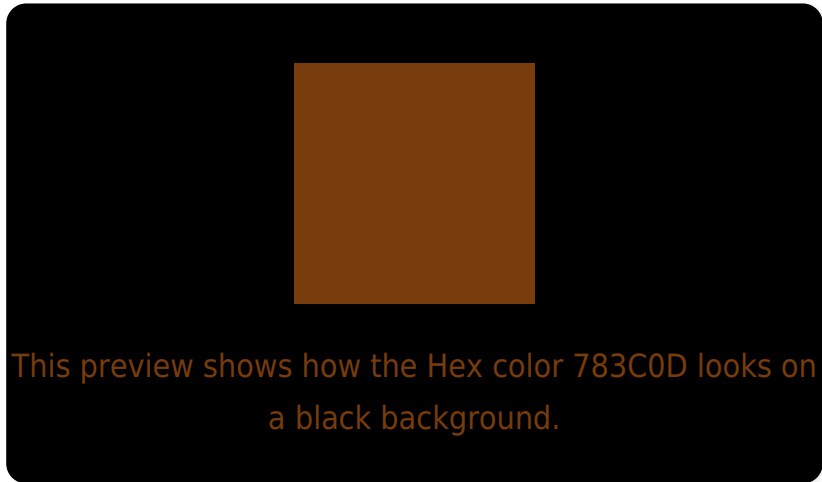
Large Text (above 18pt) WCAG AA ✓ Pass

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

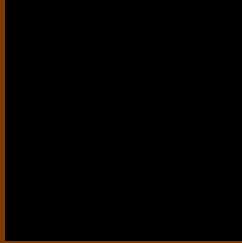
Any Text WCAG AA × Fail

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 783C0D Background



This preview shows how black text looks on a background with the Hex color 783C0D.



This preview shows how white text looks on a background with the Hex color 783C0D.

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
783C0D

Protanopia
574D12

Deuteranopia
614900



Tritanopia
7A383C

Trichromacy



Original Color
783C0D

Protanomaly
634710

Deuteranomaly
694405

Tritanomaly
79392B

Monochromacy



Original Color
783C0D

Achromatopsia
494949

Achromatomaly
5A4433

CSS Examples

Text

The CSS property to change the color of the text to Hex 783C0D 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 #783C0D looks like.

```
.text, #text, p{  
    color:#783C0D  
}
```

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 #783C0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #783C0D
}
```

Border

The CSS property to change the border of an element to Hex 783C0D is called "border". The border property can be set on classes, ids or directly on the HTML element.

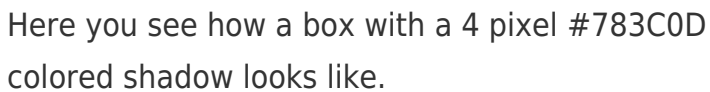
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#783C0D }
```

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

```
.border{ border-color:#783C0D }
```

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



Here you see how a box with a 4 pixel `#783C0D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #783C0D; -webkit-box-shadow:4px 4px  
4px 4px #783C0D; box-shadow:4px 4px 4px  
4px #783C0D }
```

Background

The CSS property to change the background color of an element to Hex 783C0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#783C0D }
```

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

```
.background{ background-color:#783C0D }
```

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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