

Converting Colors

Hex(683C0C)

Have a look what the booklet for
Hex(683C0C) contains.

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Color

Hex(683C0C)

Conversions

Conversions Part 1

Format	Color
Hex	683C0C
RGB	104, 60, 12
RGB Percent	41%, 24%, 5%
CMY	0.5922, 0.7647, 0.9529
CMYK	0.00, 0.42, 0.88, 0.59
HSL	31°, 79%, 23%
HSV	31°, 88%, 41%
XYZ	7.3911, 6.2013, 1.1552
YIQ	67.6840, 41.6320, -5.6000

Conversions

Conversions Part 2

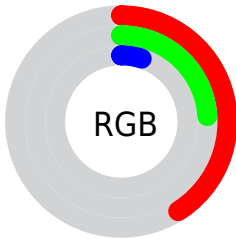
Format	Color
RYB	96, 104, 12
Decimal	6831116
CIELab	29.91, 15.51, 35.22
CIELCh	30, 38.479, 66.233
Yxy	6.2013, 0.5012, 0.4205
Android (android.graphics.Color)	4285021196 (0xFF683C0C)
YUV	67.6840, -27.4522, 31.8491
Hunter-Lab	24.9024, 9.4002, 14.6812

Details

The Hex color **683C0C** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0C3868**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **9F6C3B**, and **331100** is the 20% darker color. If you saturate the color by 10%, you get **683702**, and if you desaturate by 10%, it is **684116**.

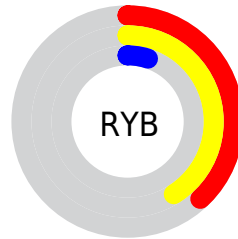
Distribution



Red (41%)

Green (24%)

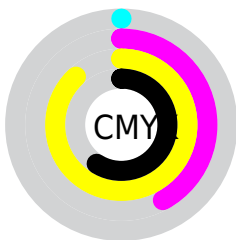
Blue (5%)



Red (38%)

Yellow (41%)

Blue (5%)

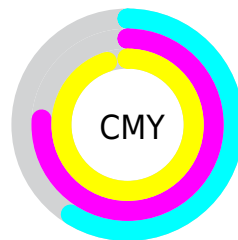


Cyan (0%)

Magenta (42%)

Yellow (88%)

Black (59%)



Cyan (59%)

Magenta (76%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 683C0C 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 683C0C by changing the saturation by 10% instead.

 683C0C

 683C0C

 FFFFF3

 4E2600

 9F6C3B

 331100

 BC8553

 1D0001

 D99F6C

 000000

 F7BA85

 FFD6A0

 FFF2BB

 FFFFD7

 683C0C

 683C0C

■ 683702

■ 684116

■ 683600

■ 684621

■ 684B2B

■ 685036

■ 685540

■ 685A4A

■ 685F55

■ 68645F

■ 68696A

Harmonies

Analogous

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



782F25



683C0C



4F4701

Triad

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



683C0C



00544C



4F3C77

Complementary

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



683C0C



0C3868

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.



004882



683C0C



005469

Square

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



683C0C



00532D



00507D



6F2E5F

Rectangle

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



683C0C



3C4C09



00507D



3F407C

Sweetspot

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



683C0C



877663



680C38



453A2F



C4C4C4



454545

Same Dimension

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



683C0C



874700



66680C



33312E



733C00



F27E00

Inverse Universe

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



0C3868



004187



0E0C68



2E3033



003773



0074F2

Previews

White Background



This preview shows how the Hex color 683C0C looks on a white background.

Color Contrast Check

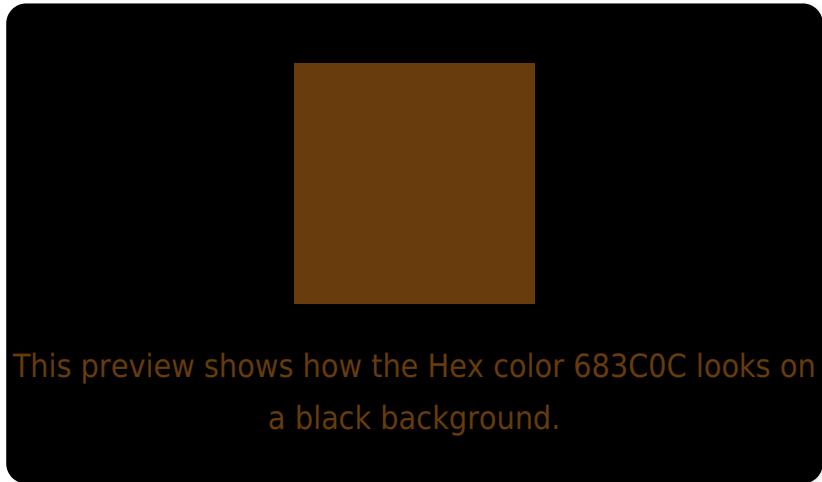
Large Text (above 18pt) WCAG AA ✓ Pass

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

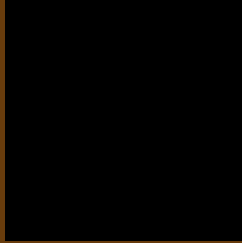
Any Text WCAG AA × Fail

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 683C0C Background



This preview shows how black text looks on a background with the Hex color 683C0C.



This preview shows how white text looks on a background with the Hex color 683C0C.

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
683C0C

Protanopia
50470F

Deuteranopia
5A4304



Tritanopia
6A383C

Trichromacy



Original Color
683C0C

Protanomaly
59430E

Deuteranomaly
5F4007

Tritanomaly
69392B

Monochromacy



Original Color
683C0C

Achromatopsia
444444

Achromatomaly
514130

CSS Examples

Text

The CSS property to change the color of the text to Hex 683C0C 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 #683C0C looks like.

```
.text, #text, p{  
    color:#683C0C  
}
```

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 #683C0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683C0C
}
```

Border

The CSS property to change the border of an element to Hex 683C0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

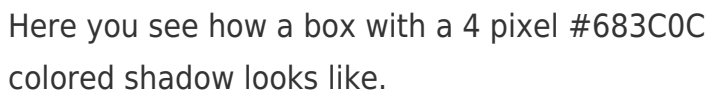
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#683C0C }
```

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

```
.border{ border-color:#683C0C }
```

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



Here you see how a box with a 4 pixel #683C0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683C0C; -webkit-box-shadow:4px 4px  
4px 4px #683C0C; box-shadow:4px 4px 4px  
4px #683C0C }
```

Background

The CSS property to change the background color of an element to Hex 683C0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683C0C }
```

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

```
.background{ background-color:#683C0C }
```

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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