

Converting Colors

Hex(683B12)

Have a look what the booklet for
Hex(683B12) contains.

Hex(683B12)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(683B12)

Conversions

Conversions Part 1

Format	Color
Hex	683B12
RGB	104, 59, 18
RGB Percent	41%, 23%, 7%
CMY	0.5922, 0.7686, 0.9294
CMYK	0.00, 0.43, 0.83, 0.59
HSL	29°, 70%, 24%
HSV	29°, 83%, 41%
XYZ	7.3821, 6.1147, 1.3634
YIQ	67.7810, 39.9810, -3.2110

Conversions

Conversions Part 2

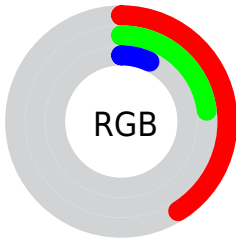
Format	Color
R_{YB}	104, 96, 18
Decimal	6830866
CIE Lab	29.70, 16.35, 32.35
CIE LCh	30, 36.245, 63.192
Yxy	6.1147, 0.4968, 0.4115
Android (android.graphics.Color)	4285020946 (0xFF683B12)
YUV	67.7810, -24.5420, 31.7641
Hunter-Lab	24.7278, 10.0144, 14.0404

Details

The Hex color **683B12** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **123F68**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **9F6B40**, and **341000** is the 20% darker color. If you saturate the color by 10%, you get **683608**, and if you desaturate by 10%, it is **68401C**.

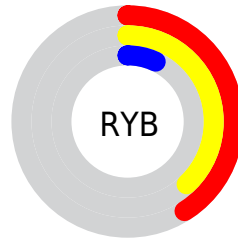
Distribution



Red (41%)

Green (23%)

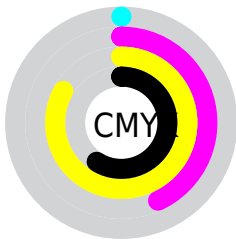
Blue (7%)



Red (41%)

Yellow (38%)

Blue (7%)

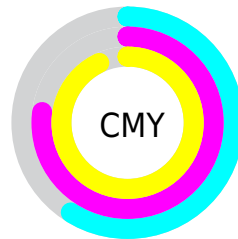


Cyan (0%)

Magenta (43%)

Yellow (83%)

Black (59%)



Cyan (59%)

Magenta (77%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 683B12 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 683B12 by changing the saturation by 10% instead.

 683B12

 683B12

 FFFFF9

 4E2500

 9F6B40

 341000

 BB8457

 1C0001

 D89E70

 000000

 F6B98A

 FFD5A5

 FFF1C0

 FFFFDC

 683B12

 683B12

■ 683608

■ 68401C

■ 683200

■ 684627

■ 684B31

■ 68513C

■ 685646

■ 685C50

■ 68615B

■ 686765

■ 686C70

Harmonies

Analogous

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



763029



683B12



524606

Triad

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



683B12



005348



4A3D75

Complementary

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



683B12



123F68

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.



00487E



683B12



005364

Square

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



683B12



00512B



004F78



6A3160

Rectangle

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



683B12



3F4B0C



004F78



3A417A

Sweetspot

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



683B12



877565



681240



453A30



C4C4C4



454545

Same Dimension

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



683B12



874101



686512



33302E



733700



F27300

Inverse Universe

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



123F68



014787



121568



2E3133



003C73



007FF2

Previews

White Background



This preview shows how the Hex color 683B12 looks on a white background.

Color Contrast Check

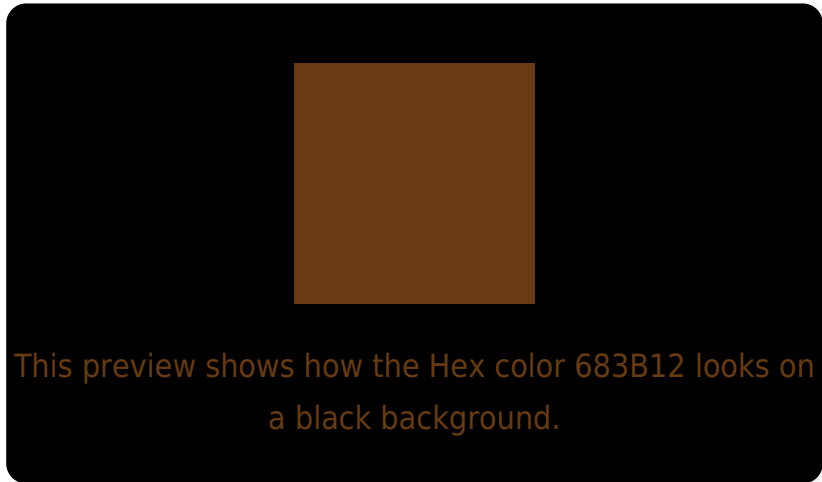
Large Text (above 18pt) WCAG AA ✓ Pass

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 683B12 Background



This preview shows how black text looks on a background with the Hex color 683B12.



This preview shows how white text looks on a background with the Hex color 683B12.

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
683B12

Protanopia
4F4715

Deuteranopia
59430E



Tritanopia
6A373B

Trichromacy



Original Color
683B12

Protanomaly
584314

Deuteranomaly
5E400F

Tritanomaly
69382C

Monochromacy



Original Color
683B12

Achromatopsia
444444

Achromatomaly
514132

CSS Examples

Text

The CSS property to change the color of the text to Hex 683B12 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 #683B12 looks like.

```
.text, #text, p{  
    color:#683B12  
}
```

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 #683B12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683B12
}
```

Border

The CSS property to change the border of an element to Hex 683B12 is called "border". The border property can be set on classes, ids or directly on the HTML element.

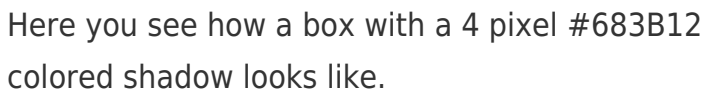
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#683B12 }
```

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

```
.border{ border-color:#683B12 }
```

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



Here you see how a box with a 4 pixel #683B12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683B12; -webkit-box-shadow:4px 4px  
4px 4px #683B12; box-shadow:4px 4px 4px  
4px #683B12 }
```

Background

The CSS property to change the background color of an element to Hex 683B12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683B12 }
```

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

```
.background{ background-color:#683B12 }
```

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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