

Converting Colors

Hex(683B00)

Have a look what the booklet for
Hex(683B00) contains.

Hex(683B00)	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(683B00)

Conversions

Conversions Part 1

Format	Color
Hex	683B00
RGB	104, 59, 0
RGB Percent	41%, 23%, 0%
CMY	0.5922, 0.7686, 1.0000
CMYK	0.00, 0.43, 1.00, 0.59
HSL	34°, 100%, 20%
HSV	34°, 100%, 41%
XYZ	7.2729, 6.0710, 0.7885
YIQ	65.7290, 45.7590, -8.8090

Conversions

Conversions Part 2

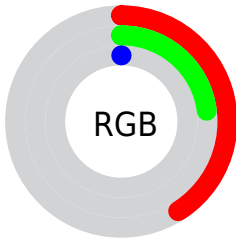
Format	Color
RYB	79, 104, 0
Decimal	6830848
CIELab	29.59, 15.76, 39.74
CIELCh	30, 42.751, 68.368
Yxy	6.0710, 0.5146, 0.4296
Android (android.graphics.Color)	4285020928 (0xFF683B00)
YUV	65.7290, -32.4044, 33.5637
Hunter-Lab	24.6394, 9.5695, 15.3502

Details

The Hex color **683B00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002D68**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **A06A31**, and **331000** is the 20% darker color. If you saturate the color by 10%, you get **683B00**, and if you desaturate by 10%, it is **68400A**.

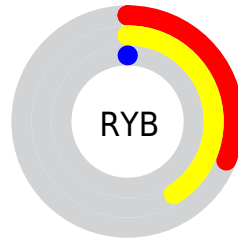
Distribution



Red (41%)

Green (23%)

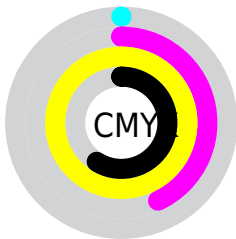
Blue (0%)



Red (31%)

Yellow (41%)

Blue (0%)

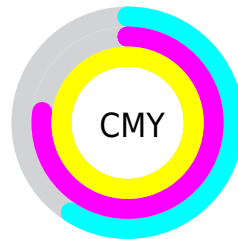


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (59%)



Cyan (59%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 683B00 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 683B00 by changing the saturation by 10% instead.

 683B00

 683B00

 FFFFE9

 4D2500

 A06A31

 331000

 BD8449

 1B0001

 DA9E62

 000000

 F8B97C

 FFD496

 FFF1B1

 FFFFCD

 683B00

 68400A

 684415

 68491F

 684D2A

 685234

 68563E

 685B49

 685F53

 68645E

Harmonies

Analogous

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



7B2C1E



683B00



4D4700

Triad

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



683B00



00554E



52387A

Complementary

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



683B00



002D68

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.



004788



683B00



00546E

Square

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



683B00



00532C



005083



74285F

Rectangle

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



683B00



364D00



005083



403E81

Sweetspot

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



683B00



87765F



68002D



453A2C



C4C4C4



454545

Same Dimension

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



683B00



874D00



616800



33312E



734100



F28900

Inverse Universe

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



002D68



003A87



070068



2E3033



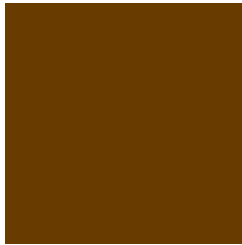
003273



0069F2

Previews

White Background



This preview shows how the Hex color 683B00 looks on a white background.

Color Contrast Check

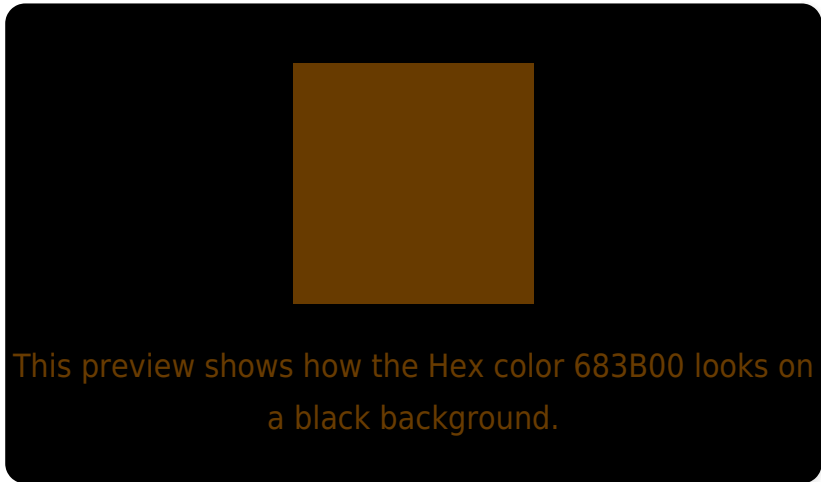
Large Text (above 18pt) WCAG AA ✓ Pass

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 683B00 Background



This preview shows how black text looks on a background with the Hex color 683B00.



This preview shows how white text looks on a background with the Hex color 683B00.

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
683B00

Protanopia
4F4708

Deuteranopia
594300



Tritanopia
6A373B

Trichromacy



Original Color
683B00

Protanomaly
584305

Deuteranomaly
5E4000

Tritanomaly
693826

Monochromacy



Original Color
683B00

Achromatopsia
424242

Achromatomaly
503F2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 683B00 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 #683B00 looks like.

```
.text, #text, p{  
    color:#683B00  
}
```

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 #683B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683B00
}
```

Border

The CSS property to change the border of an element to Hex 683B00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

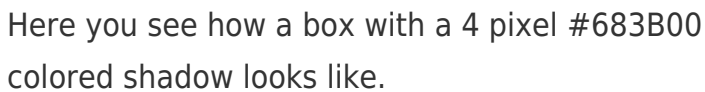
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#683B00 }
```

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

```
.border{ border-color:#683B00 }
```

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



Here you see how a box with a 4 pixel #683B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683B00; -webkit-box-shadow:4px 4px  
4px 4px #683B00; box-shadow:4px 4px 4px  
4px #683B00 }
```

Background

The CSS property to change the background color of an element to Hex 683B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683B00 }
```

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

```
.background{ background-color:#683B00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor