

Converting Colors

Hex(683A00)

Have a look what the booklet for
Hex(683A00) contains.

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Color

Hex(683A00)

Conversions

Conversions Part 1

Format	Color
Hex	683A00
RGB	104, 58, 0
RGB Percent	41%, 23%, 0%
CMY	0.5922, 0.7725, 1.0000
CMYK	0.00, 0.44, 1.00, 0.59
HSL	33°, 100%, 20%
HSV	33°, 100%, 41%
XYZ	7.2220, 5.9692, 0.7715
YIQ	65.1420, 46.0340, -8.2860

Conversions

Conversions Part 2

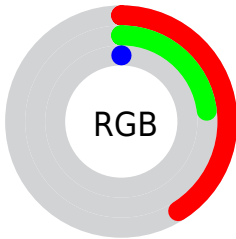
Format	Color
RYB	82, 104, 0
Decimal	6830592
CIELab	29.33, 16.37, 39.54
CIELCh	29, 42.795, 67.513
Yxy	5.9692, 0.5172, 0.4275
Android (android.graphics.Color)	4285020672 (0xFF683A00)
YUV	65.1420, -32.1150, 34.0785
Hunter-Lab	24.4319, 10.0082, 15.2300

Details

The Hex color **683A00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002E68**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **A06931**, and **330F00** is the 20% darker color. If you saturate the color by 10%, you get **683A00**, and if you desaturate by 10%, it is **683F0A**.

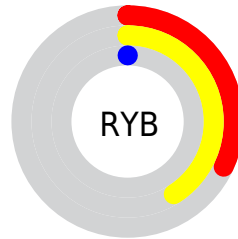
Distribution



Red (41%)

Green (23%)

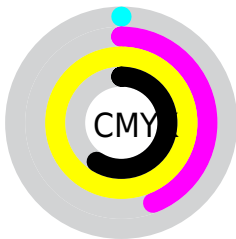
Blue (0%)



Red (32%)

Yellow (41%)

Blue (0%)

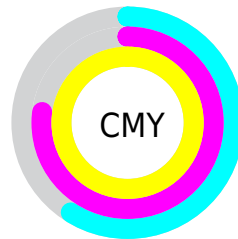


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (59%)



Cyan (59%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 683A00 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 683A00 by changing the saturation by 10% instead.

 683A00

 683A00

 FFFFE9

 4D2400

 A06931

 330F00

 BD8349

 1B0001

 DA9D62

 000000

 F8B87B

 FFD396

 FFF0B1

 FFFFCD

 683A00

■ 683F0A

■ 684315

■ 68481F

■ 684C2A

■ 685134

■ 68563E

■ 685A49

■ 685F53

■ 68635E

Harmonies

Analogous

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



7A2B1E



683A00



4D4600

Triad

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



683A00



00544D



50387A

Complementary

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



683A00



002E68

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.



004687



683A00



00536D

Square

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



683A00



00522A



004F82



73285F

Rectangle

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



683A00



364C00



004F82



3E3D80

Sweetspot

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



683A00



87755F



68002F



453A2C



C4C4C4



454545

Same Dimension

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



683A00



874B00



636800



33312E



734000



F28700

Inverse Universe

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



002E68



003C87



050068



2E3033



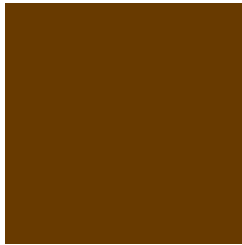
003373



006BF2

Previews

White Background



This preview shows how the Hex color 683A00 looks on a white background.

Color Contrast Check

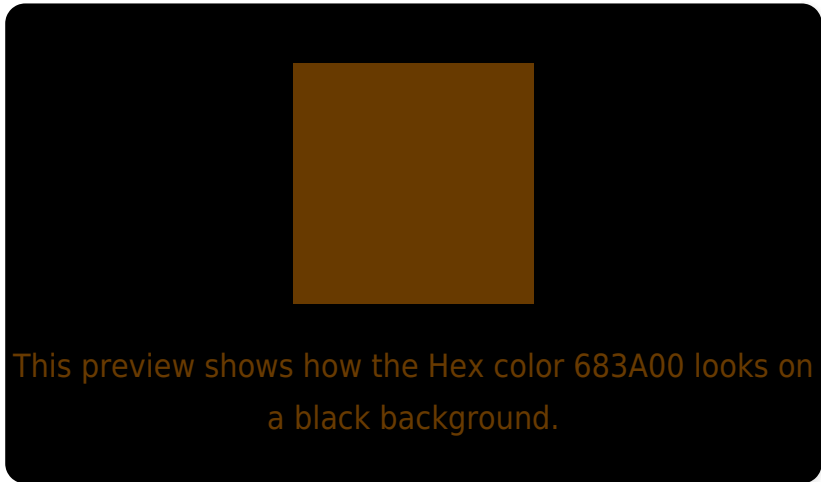
Large Text (above 18pt) WCAG AA ✓ Pass

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

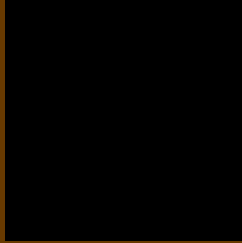
Any Text WCAG AA × Fail

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 683A00 Background



This preview shows how black text looks on a background with the Hex color 683A00.



This preview shows how white text looks on a background with the Hex color 683A00.

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
683A00

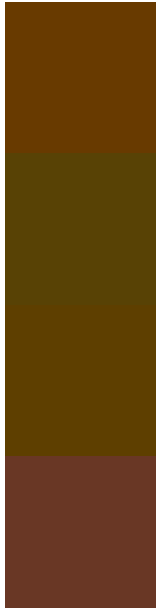
Protanopia
4F4608

Deuteranopia
584200



Tritanopia
6A363A

Trichromacy



Original Color
683A00

Protanomaly
584205

Deuteranomaly
5E3F00

Tritanomaly
693725

Monochromacy



Original Color
683A00

Achromatopsia
414141

Achromatomaly
4F3E29

CSS Examples

Text

The CSS property to change the color of the text to Hex 683A00 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 #683A00 looks like.

```
.text, #text, p{  
    color:#683A00  
}
```

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 #683A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683A00
}
```

Border

The CSS property to change the border of an element to Hex 683A00 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
#683A00 }
```

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

```
.border{ border-color:#683A00 }
```

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

Here you see how a box with a 4 pixel #683A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683A00; -webkit-box-shadow:4px 4px  
4px 4px #683A00; box-shadow:4px 4px 4px  
4px #683A00 }
```

Background

The CSS property to change the background color of an element to Hex 683A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683A00 }
```

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

```
.background{ background-color:#683A00 }
```

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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