

Converting Colors

Hex(683A0F)

Have a look what the booklet for
Hex(683A0F) contains.

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Color

Hex(683A0F)

Conversions

Conversions Part 1

Format	Color
Hex	683A0F
RGB	104, 58, 15
RGB Percent	41%, 23%, 6%
CMY	0.5922, 0.7725, 0.9412
CMYK	0.00, 0.44, 0.86, 0.59
HSL	29°, 75%, 23%
HSV	29°, 86%, 41%
XYZ	7.3082, 6.0037, 1.2256
YIQ	66.8520, 41.2190, -3.6210

Conversions

Conversions Part 2

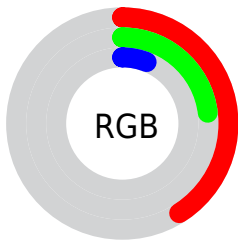
Format	Color
RYB	104, 98, 15
Decimal	6830607
CIELab	29.42, 16.83, 33.49
CIELCh	29, 37.483, 63.317
Yxy	6.0037, 0.5027, 0.4130
Android (android.graphics.Color)	4285020687 (0xFF683A0F)
YUV	66.8520, -25.5630, 32.5788
Hunter-Lab	24.5024, 10.3612, 14.1860

Details

The Hex color **683A0F** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0F3D68**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9F6A3D**, and **330F00** is the 20% darker color. If you saturate the color by 10%, you get **683505**, and if you desaturate by 10%, it is **683F19**.

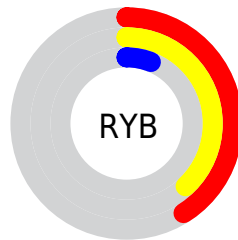
Distribution



Red (41%)

Green (23%)

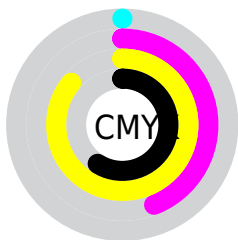
Blue (6%)



Red (41%)

Yellow (38%)

Blue (6%)

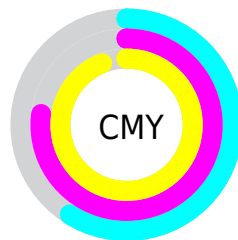


Cyan (0%)

Magenta (44%)

Yellow (86%)

Black (59%)



Cyan (59%)

Magenta (77%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 683A0F 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 683A0F by changing the saturation by 10% instead.

 683A0F

 683A0F

 FFFFFFF6

 4E2400

 9F6A3D

 330F00

 BC8355

 1C0001

 D99D6E

 000000

 F6B887

 FFD4A2

 FFF0BD

 FFFFD9

 683A0F

 683A0F

■ 683505

■ 683F19

■ 683200

■ 684524

■ 684A2E

■ 685039

■ 685543

■ 685A4D

■ 686058

■ 686562

■ 686A6D

Harmonies

Analogous

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



772E27



683A0F



514502

Triad

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



683A0F



005348



4A3C76

Complementary

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



683A0F



0F3D68

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.



004880



683A0F



005265

Square

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



683A0F



00512A



004F79



6B2F60

Rectangle

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



683A0F



3E4B08



004F79



39407B

Sweetspot

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



683A0F



877564



680F3E



453A30



C4C4C4



454545

Same Dimension

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



683A0F



874100



68650F



33302E



733700



F27500

Inverse Universe

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



0F3D68



004687



0F1268



2E3133



003B73



007DF2

Previews

White Background



This preview shows how the Hex color 683A0F looks on a white background.

Color Contrast Check

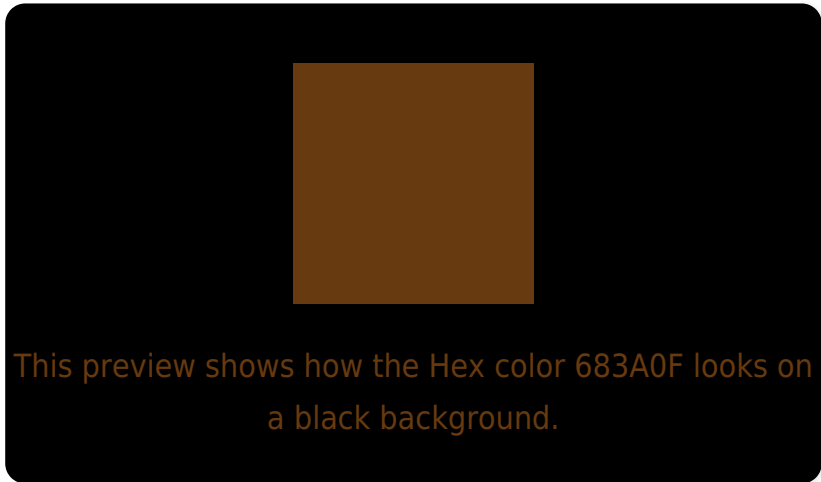
Large Text (above 18pt) WCAG AA ✓ Pass

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

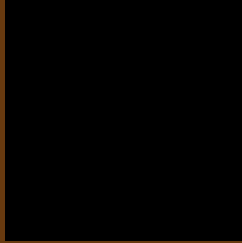
Any Text WCAG AA × Fail

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 683A0F Background



This preview shows how black text looks on a background with the Hex color 683A0F.



This preview shows how white text looks on a background with the Hex color 683A0F.

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
683A0F

Protanopia
4F4612

Deuteranopia
58420A



Tritanopia
6A363A

Trichromacy



Original Color
683A0F

Protanomaly
584211

Deuteranomaly
5E3F0C

Tritanomaly
69372A

Monochromacy



Original Color
683A0F

Achromatopsia
434343

Achromatomaly
504030

CSS Examples

Text

The CSS property to change the color of the text to Hex 683A0F 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 #683A0F looks like.

```
.text, #text, p{  
    color:#683A0F  
}
```

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 #683A0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683A0F
}
```

Border

The CSS property to change the border of an element to Hex 683A0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

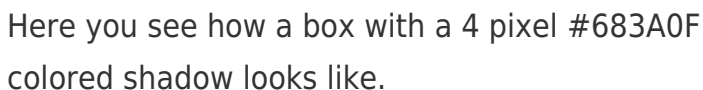
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#683A0F }
```

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

```
.border{ border-color:#683A0F }
```

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



Here you see how a box with a 4 pixel #683A0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683A0F; -webkit-box-shadow:4px 4px  
4px 4px #683A0F; box-shadow:4px 4px 4px  
4px #683A0F }
```

Background

The CSS property to change the background color of an element to Hex 683A0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683A0F }
```

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

```
.background{ background-color:#683A0F }
```

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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