

Converting Colors

Hex(683C41)

Have a look what the booklet for
Hex(683C41) contains.

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Color

Hex(683C41)

Conversions

Conversions Part 1

Format	Color
Hex	683C41
RGB	104, 60, 65
RGB Percent	41%, 24%, 25%
CMY	0.5922, 0.7647, 0.7451
CMYK	0.00, 0.42, 0.38, 0.59
HSL	353°, 27%, 32%
HSV	353°, 42%, 41%
XYZ	8.2789, 6.5564, 5.8302
YIQ	73.7260, 24.6190, 10.8830

Conversions

Conversions Part 2

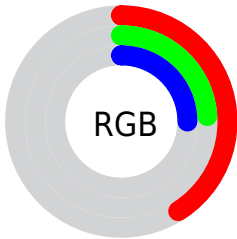
Format	Color
R_{YB}	104, 60, 65
Decimal	6831169
CIE Lab	30.77, 20.02, 5.26
CIE LCh	31, 20.704, 14.729
Yxy	6.5564, 0.4006, 0.3173
Android (android.graphics.Color)	4285021249 (0xFF683C41)
YUV	73.7260, -4.3019, 26.5503
Hunter-Lab	25.6055, 12.9039, 4.4239

Details

The Hex color **683C41** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3C6863**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **9D6C71**, and **371017** is the 20% darker color. If you saturate the color by 10%, you get **683238**, and if you desaturate by 10%, it is **68464A**.

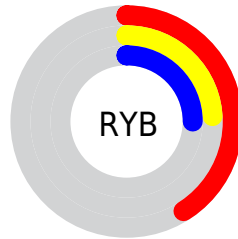
Distribution



Red (41%)

Green (24%)

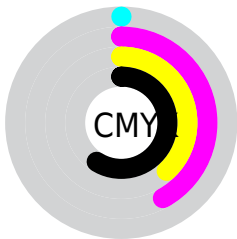
Blue (25%)



Red (41%)

Yellow (24%)

Blue (25%)

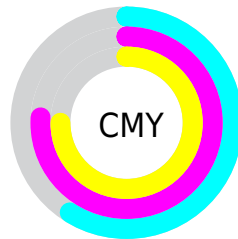


Cyan (0%)

Magenta (42%)

Yellow (38%)

Black (59%)



Cyan (59%)

Magenta (76%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 683C41 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 683C41 by changing the saturation by 10% instead.

683C41

683C41

FFFFFF

4F262B

9D6C71

371017

B8868A

230000

D4A0A4

000000

F1BBBF

FFD7DB

FFF3F8

683C41

683C41

683238

68464A

68272F

685153

681D25

685B5D

68121C

686666

680813

68706F

68000C

687A78

688582

688F8B

689A94

Harmonies

Analogous

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



633D51



683C41



653F32

Triad

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



683C41



394E31



224C67

Complementary

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



683C41



3C6863

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.



05505F



683C41



24503F

Square

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



683C41



4B4A29



0C5150



3E4768

Rectangle

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



683C41



5E432C



0C5150



184E65

Sweetspot

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



683C41



877678



633C68



453A3B



C4C4C4



454545

Same Dimension

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



683C41



87424A



684D3C



332E2E



73000D



F2001C

Inverse Universe

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



683C41



87424A



3C5768



332E2E



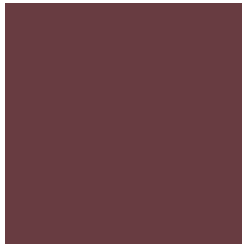
73000D



F2001C

Previews

White Background



This preview shows how the Hex color 683C41 looks on a white background.

Color Contrast Check

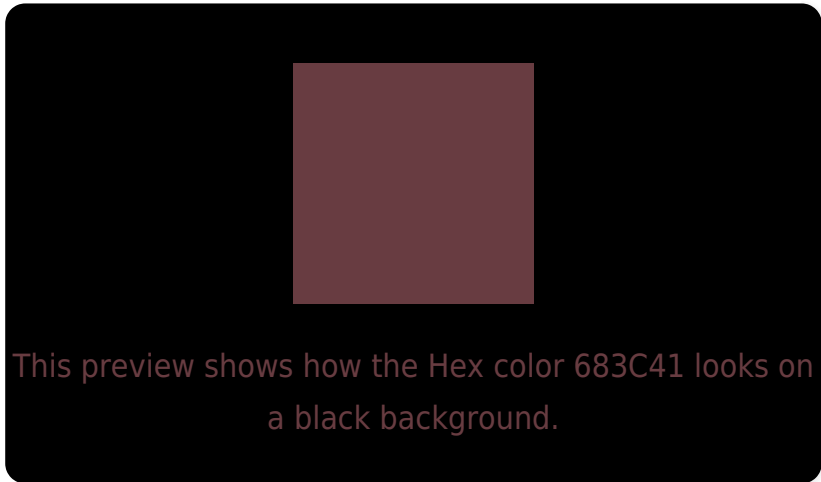
Large Text (above 18pt) WCAG AA ✓ Pass

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

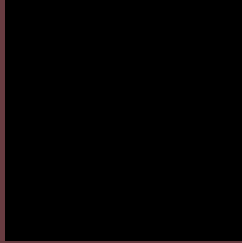
Any Text WCAG AA × Fail

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 683C41 Background



This preview shows how black text looks on a background with the Hex color 683C41.

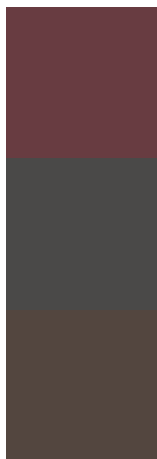


This preview shows how white text looks on a background with the Hex color 683C41.

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
683C41

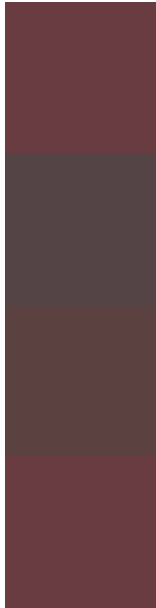
Protanopia
4A4948

Deuteranopia
53463F



Tritanopia
683C41

Trichromacy



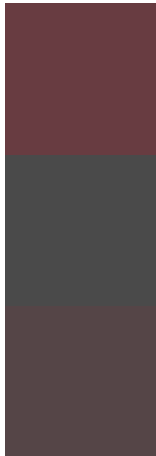
Original Color
683C41

Protanomaly
554445

Deuteranomaly
5B4240

Tritanomaly
683C41

Monochromacy



Original Color
683C41

Achromatopsia
4A4A4A

Achromatomaly
554547

CSS Examples

Text

The CSS property to change the color of the text to Hex 683C41 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 #683C41 looks like.

```
.text, #text, p{  
    color:#683C41  
}
```

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 #683C41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683C41
}
```

Border

The CSS property to change the border of an element to Hex 683C41 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".

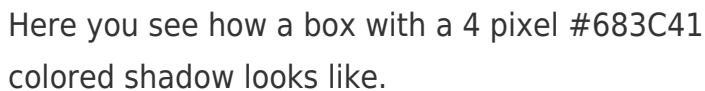
```
.border, #border, table{ border:4px solid
#683C41 }
```

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

```
.border{ border-color:#683C41 }
```

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

Here you see how a box with a 4 pixel #683C41 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683C41; -webkit-box-shadow:4px 4px  
4px 4px #683C41; box-shadow:4px 4px 4px  
4px #683C41 }
```

Background

The CSS property to change the background color of an element to Hex 683C41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683C41 }
```

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

```
.background{ background-color:#683C41 }
```

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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