

Converting Colors

Hex(683C58)

Have a look what the booklet for
Hex(683C58) contains.

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Color

Hex(683C58)

Conversions

Conversions Part 1

Format	Color
Hex	683C58
RGB	104, 60, 88
RGB Percent	41%, 24%, 35%
CMY	0.5922, 0.7647, 0.6549
CMYK	0.00, 0.42, 0.15, 0.59
HSL	322°, 27%, 32%
HSV	322°, 42%, 41%
XYZ	9.0862, 6.8794, 10.0815
YIQ	76.3480, 17.2360, 18.0360

Conversions

Conversions Part 2

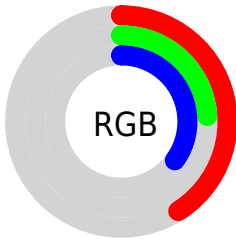
Format	Color
RYB	104, 60, 88
Decimal	6831192
CIELab	31.53, 23.75, -8.53
CIELCh	32, 25.234, 340.242
Yxy	6.8794, 0.3488, 0.2641
Android (android.graphics.Color)	4285021272 (0xFF683C58)
YUV	76.3480, 5.7444, 24.2508
Hunter-Lab	26.2285, 15.9370, -4.4294

Details

The Hex color **683C58** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3C684C**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9C6C8A**, and **370F2B** is the 20% darker color. If you saturate the color by 10%, you get **683254**, and if you desaturate by 10%, it is **68465C**.

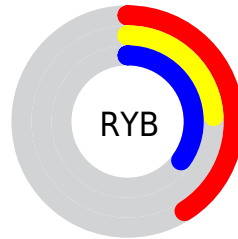
Distribution



Red (41%)

Green (24%)

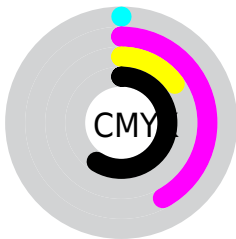
Blue (35%)



Red (41%)

Yellow (24%)

Blue (35%)

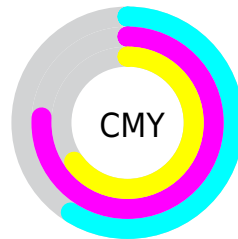


Cyan (0%)

Magenta (42%)

Yellow (15%)

Black (59%)



Cyan (59%)

Magenta (76%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 683C58 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 683C58 by changing the saturation by 10% instead.



683C58



683C58

FFFFFF



4F2541



9C6C8A



370F2B



B786A4



240017



D3A0BF



000000



F0BCDB



FFD8F8



FFF4FF



683C58



683C58



683254



68465C

682750

685160

681D4D

685B63

681249

686667

680845

68706B

680042

687A6F

688572

688F76

689A7A

Harmonies

Analogous

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



554268



683C58



703A44

Triad

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



683C58



504B22



005363

Complementary

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



683C58



3C684C

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.



005451



683C58



3A502B

Square

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



683C58



614425



1F533C



02506F

Rectangle

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



683C58



6F3C37



1F533C



00545D

Sweetspot

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



683C58



877681



4B3C68



453A41



C4C4C4



454545

Same Dimension

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



683C58



87426E



683C43



332E31



730049



F2009A

Inverse Universe

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



683C58



87426E



3C6861



332E31



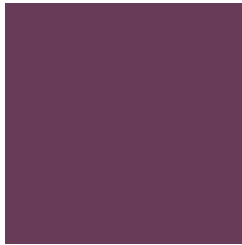
730049



F2009A

Previews

White Background



This preview shows how the Hex color 683C58 looks on a white background.

Color Contrast Check

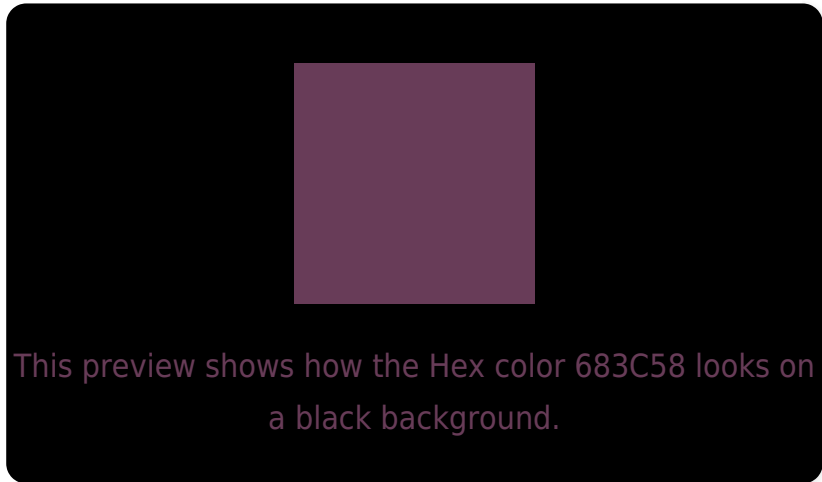
Large Text (above 18pt) WCAG AA ✓ Pass

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

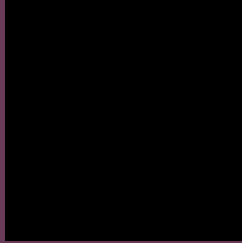
Any Text WCAG AA × Fail

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 683C58 Background



This preview shows how black text looks on a background with the Hex color 683C58.



This preview shows how white text looks on a background with the Hex color 683C58.

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
683C58

Protanopia
444A62

Deuteranopia
4D4956



Tritanopia
664045

Trichromacy



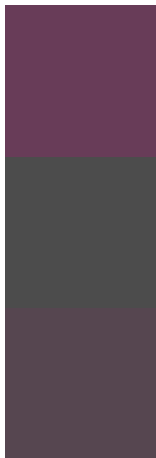
Original Color
683C58

Protanomaly
51455E

Deuteranomaly
574457

Tritanomaly
673F4C

Monochromacy



Original Color
683C58

Achromatopsia
4C4C4C

Achromatomaly
564650

CSS Examples

Text

The CSS property to change the color of the text to Hex 683C58 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 #683C58 looks like.

```
.text, #text, p{  
    color:#683C58  
}
```

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 #683C58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683C58
}
```

Border

The CSS property to change the border of an element to Hex 683C58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

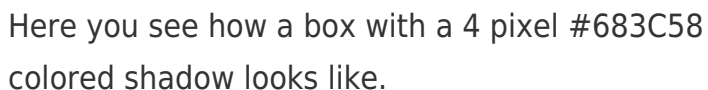
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#683C58 }
```

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

```
.border{ border-color:#683C58 }
```

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



Here you see how a box with a 4 pixel #683C58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683C58; -webkit-box-shadow:4px 4px  
4px 4px #683C58; box-shadow:4px 4px 4px  
4px #683C58 }
```

Background

The CSS property to change the background color of an element to Hex 683C58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683C58 }
```

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

```
.background{ background-color:#683C58 }
```

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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