

Converting Colors

Hex(683A52)

Have a look what the booklet for
Hex(683A52) contains.

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Color

Hex(683A52)

Conversions

Conversions Part 1

Format	Color
Hex	683A52
RGB	104, 58, 82
RGB Percent	41%, 23%, 32%
CMY	0.5922, 0.7725, 0.6784
CMYK	0.00, 0.44, 0.21, 0.59
HSL	329°, 28%, 32%
HSV	329°, 44%, 41%
XYZ	8.7450, 6.5784, 8.7915
YIQ	74.4900, 19.7120, 17.2160

Conversions

Conversions Part 2

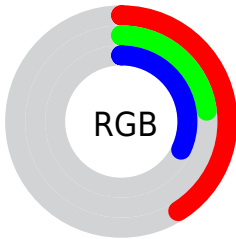
Format	Color
R _Y B	104, 58, 82
Decimal	6830674
CIE Lab	30.83, 23.88, -5.71
CIE LCh	31, 24.555, 346.561
Yxy	6.5784, 0.3626, 0.2728
Android (android.graphics.Color)	4285020754 (0xFF683A52)
YUV	74.4900, 3.7024, 25.8803
Hunter-Lab	25.6483, 15.9762, -2.3690

Details

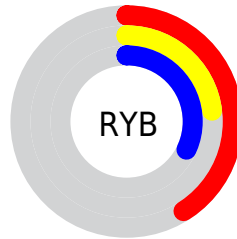
The Hex color **683A52** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3A6850**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **9C6A83**, and **370D25** is the 20% darker color. If you saturate the color by 10%, you get **68304D**, and if you desaturate by 10%, it is **684457**.

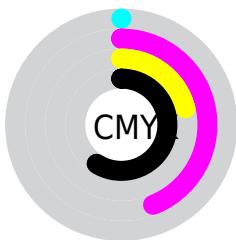
Distribution



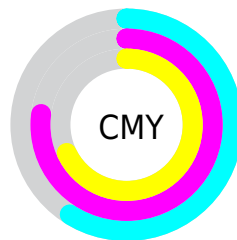
- Red (41%)
- Green (23%)
- Blue (32%)



- Red (41%)
- Yellow (23%)
- Blue (32%)



- Cyan (0%)
- Magenta (44%)
- Yellow (21%)
- Black (59%)



- Cyan (59%)
- Magenta (77%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 683A52 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 683A52 by changing the saturation by 10% instead.



683A52



683A52

FFFFFF



4F233B



9C6A83



370D25



B8849D



240011



D49EB8



000000



F0B9D4



FFD5F0



FFF2FF



683A52



683A52



68304D



684457

682548

684F5C

681B43

685961

68103E

686466

680639

686E6B

680036

687870

688375

688D7A

68987F

Harmonies

Analogous

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



584063



683A52



6D393F

Triad

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



683A52



4A4B23



005164

Complementary

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



683A52



3A6850

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.



005353



683A52



344F2D

Square

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



683A52



5C4423



18523F



144D6E

Rectangle

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



683A52



6B3C33



18523F



00525F

Sweetspot

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



683A52



87767F



4F3A68



453A40



C4C4C4



454545

Same Dimension

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



683A52



874065



683A3C



332E31



73003C



F2007E

Inverse Universe

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



683A52



874065



3A6866



332E31



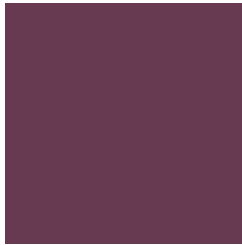
73003C



F2007E

Previews

White Background



This preview shows how the Hex color 683A52 looks on a white background.

Color Contrast Check

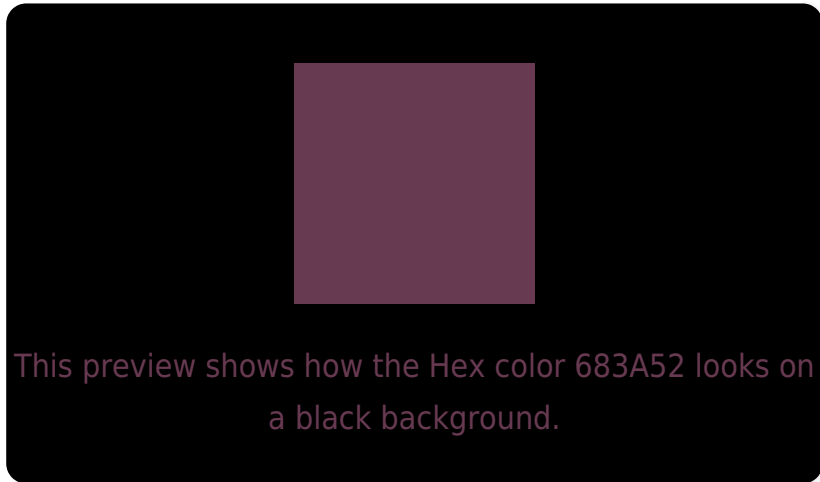
Large Text (above 18pt) WCAG AA ✓ Pass

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

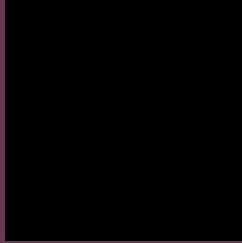
Any Text WCAG AA × Fail

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 683A52 Background



This preview shows how black text looks on a background with the Hex color 683A52.



This preview shows how white text looks on a background with the Hex color 683A52.

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
683A52

Protanopia
44485C

Deuteranopia
4D4750



Tritanopia
663D42

Trichromacy



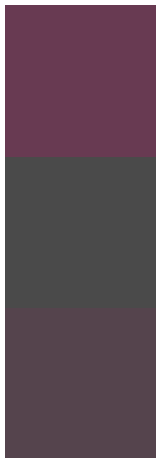
Original Color
683A52

Protanomaly
514358

Deuteranomaly
574251

Tritanomaly
673C48

Monochromacy



Original Color
683A52

Achromatopsia
4A4A4A

Achromatomaly
55444D

CSS Examples

Text

The CSS property to change the color of the text to Hex 683A52 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 #683A52 looks like.

```
.text, #text, p{  
    color:#683A52  
}
```

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 #683A52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683A52
}
```

Border

The CSS property to change the border of an element to Hex 683A52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

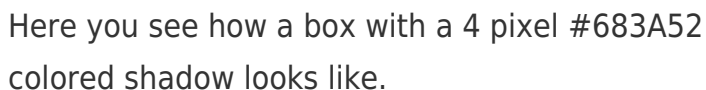
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#683A52 }
```

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

```
.border{ border-color:#683A52 }
```

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



Here you see how a box with a 4 pixel #683A52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683A52; -webkit-box-shadow:4px 4px  
4px 4px #683A52; box-shadow:4px 4px 4px  
4px #683A52 }
```

Background

The CSS property to change the background color of an element to Hex 683A52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683A52 }
```

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

```
.background{ background-color:#683A52 }
```

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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