

Converting Colors

Hex(683A4E)

Have a look what the booklet for
Hex(683A4E) contains.

Hex(683A4E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(683A4E)

Conversions

Conversions Part 1

Format	Color
Hex	683A4E
RGB	104, 58, 78
RGB Percent	41%, 23%, 31%
CMY	0.5922, 0.7725, 0.6941
CMYK	0.00, 0.44, 0.25, 0.59
HSL	334°, 28%, 32%
HSV	334°, 44%, 41%
XYZ	8.5971, 6.5192, 8.0129
YIQ	74.0340, 20.9960, 15.9720

Conversions

Conversions Part 2

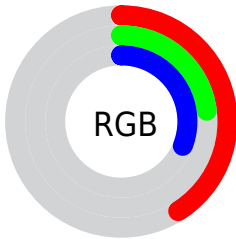
Format	Color
R_{YB}	104, 58, 78
Decimal	6830670
CIE _{Lab}	30.69, 23.21, -3.32
CIE _{LCh}	31, 23.446, 351.863
Yxy	6.5192, 0.3717, 0.2819
Android (android.graphics.Color)	4285020750 (0xFF683A4E)
YUV	74.0340, 1.9552, 26.2802
Hunter-Lab	25.5328, 15.4202, -0.7340

Details

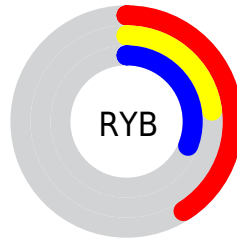
The Hex color **683A4E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3A6854**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **9C6A7F**, and **370D22** is the 20% darker color. If you saturate the color by 10%, you get **683048**, and if you desaturate by 10%, it is **684454**.

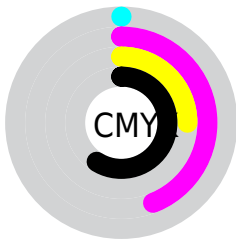
Distribution



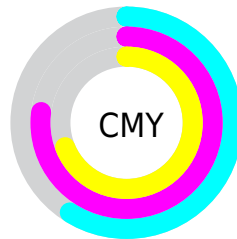
- Red (41%)
- Green (23%)
- Blue (31%)



- Red (41%)
- Yellow (23%)
- Blue (31%)



- Cyan (0%)
- Magenta (44%)
- Yellow (25%)
- Black (59%)



- Cyan (59%)
- Magenta (77%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 683A4E 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 683A4E by changing the saturation by 10% instead.

683A4E

683A4E

FFFFFF

4F2337

9C6A7F

370D22

B88499

24000C

D49EB4

000000

F0B9CF

FFD5EB

FFF2FF

683A4E

683A4E

683048

684454

682542

684F5A

681B3C

685960

681036

686466

680631

686E6B

68002D

687871

688377

688D7D

689883

Harmonies

Analogous

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



5A3F5F



683A4E



6B3A3C

Triad

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



683A4E



464B25



005064

Complementary

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



683A4E



3A6854

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.



005255



683A4E



314F31

Square

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



683A4E



584524



155142



214C6C

Rectangle

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



683A4E



683D31



155142



005160

Sweetspot

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



683A4E



87767D



533A68



453A3F



C4C4C4



454545

Same Dimension

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



683A4E



87405F



683C3A



332E30



730032



F20069

Inverse Universe

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



683A4E



87405F



3A6668



332E30



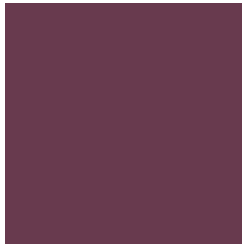
730032



F20069

Previews

White Background



This preview shows how the Hex color 683A4E looks on a white background.

Color Contrast Check

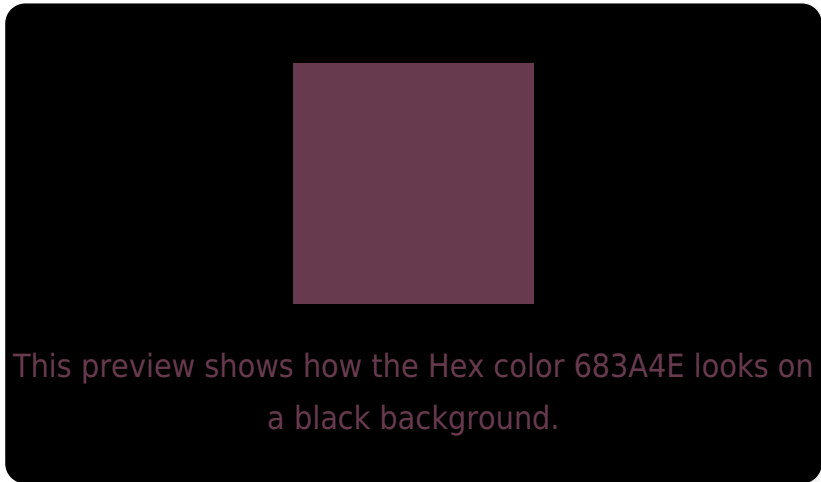
Large Text (above 18pt) WCAG AA ✓ Pass

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

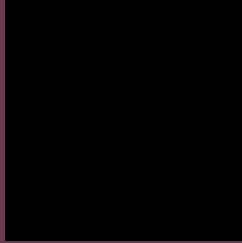
Any Text WCAG AA × Fail

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 683A4E Background



This preview shows how black text looks on a background with the Hex color 683A4E.



This preview shows how white text looks on a background with the Hex color 683A4E.

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
683A4E

Protanopia
464857

Deuteranopia
4E474C



Tritanopia
673C41

Trichromacy



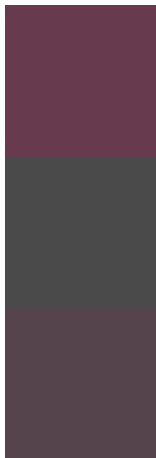
Original Color
683A4E

Protanomaly
524354

Deuteranomaly
57424D

Tritanomaly
673B46

Monochromacy



Original Color
683A4E

Achromatopsia
4A4A4A

Achromatomaly
55444B

CSS Examples

Text

The CSS property to change the color of the text to Hex 683A4E 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 #683A4E looks like.

```
.text, #text, p{  
    color:#683A4E  
}
```

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 #683A4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683A4E
}
```

Border

The CSS property to change the border of an element to Hex 683A4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

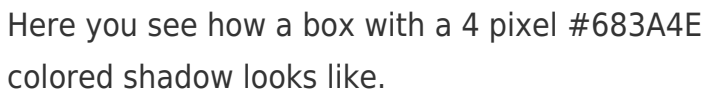
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#683A4E }
```

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

```
.border{ border-color:#683A4E }
```

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



Here you see how a box with a 4 pixel #683A4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683A4E; -webkit-box-shadow:4px 4px  
4px 4px #683A4E; box-shadow:4px 4px 4px  
4px #683A4E }
```

Background

The CSS property to change the background color of an element to Hex 683A4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683A4E }
```

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

```
.background{ background-color:#683A4E }
```

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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