

Converting Colors

Hex(683E46)

Have a look what the booklet for
Hex(683E46) contains.

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Color

Hex(683E46)

Conversions

Conversions Part 1

Format	Color
Hex	683E46
RGB	104, 62, 70
RGB Percent	41%, 24%, 27%
CMY	0.5922, 0.7569, 0.7255
CMYK	0.00, 0.40, 0.33, 0.59
HSL	349°, 25%, 33%
HSV	349°, 40%, 41%
XYZ	8.5370, 6.8305, 6.6628
YIQ	75.4700, 22.4640, 11.3920

Conversions

Conversions Part 2

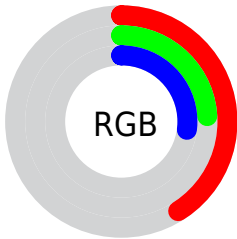
Format	Color
R_{YB}	104, 62, 70
Decimal	6831686
CIE _{Lab}	31.42, 19.53, 2.94
CIE _{LCh}	31, 19.753, 8.566
Yxy	6.8305, 0.3875, 0.3100
Android (android.graphics.Color)	4285021766 (0xFF683E46)
YUV	75.4700, -2.6967, 25.0208
Hunter-Lab	26.1352, 12.5701, 3.1795

Details

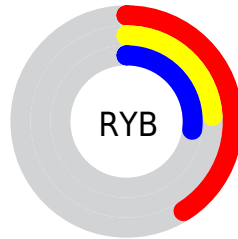
The Hex color **683E46** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3E6860**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **9C6E76**, and **37121B** is the 20% darker color. If you saturate the color by 10%, you get **68343E**, and if you desaturate by 10%, it is **68484E**.

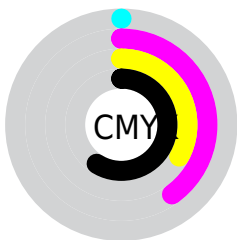
Distribution



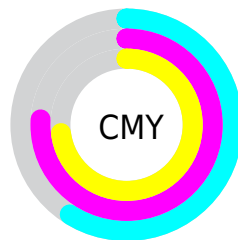
- Red (41%)
- Green (24%)
- Blue (27%)



- Red (41%)
- Yellow (24%)
- Blue (27%)



- Cyan (0%)
- Magenta (40%)
- Yellow (33%)
- Black (59%)



- Cyan (59%)
- Magenta (76%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 683E46 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 683E46 by changing the saturation by 10% instead.

683E46

683E46

FFFFFF

4F2730

9C6E76

37121B

B88890

240000

D4A2AA

000000

F1BDC6

FFD9E1

FFF6FE

683E46

683E46

68343E

68484E

682935

685357

681F2D

685D5F

681424

686868

680A1C

687270

680014

687C79

688781

689189

689C92

Harmonies

Analogous

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



614056



683E46



664037

Triad

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



683E46



3F4F31



224F66

Complementary

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



683E46



3E6860

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.



0F515D



683E46



2C513E

Square

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



683E46



504A2B



18524E



3B4A68

Rectangle

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



683E46



614330



18524E



1A5064

Sweetspot

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



683E46



87777A



603E68



453B3D



C4C4C4



454545

Same Dimension

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



683E46



874653



684B3E



332E2F



730016



F2002E

Inverse Universe

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



683E46



874653



3E5B68



332E2F



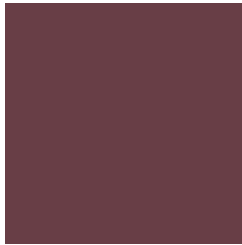
730016



F2002E

Previews

White Background



This preview shows how the Hex color 683E46 looks on a white background.

Color Contrast Check

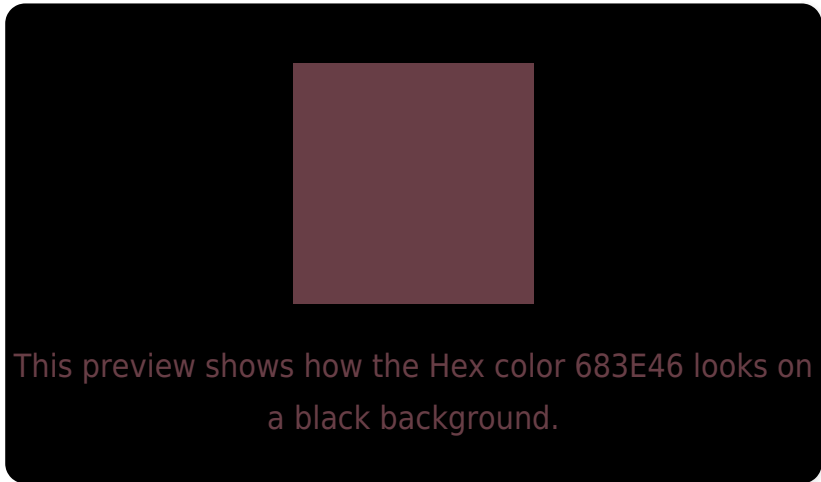
Large Text (above 18pt) WCAG AA ✓ Pass

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

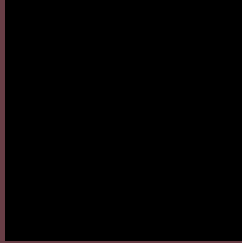
Any Text WCAG AA × Fail

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 683E46 Background



This preview shows how black text looks on a background with the Hex color 683E46.



This preview shows how white text looks on a background with the Hex color 683E46.

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
683E46

Protanopia
4B4A4D

Deuteranopia
544844



Tritanopia
683E43

Trichromacy



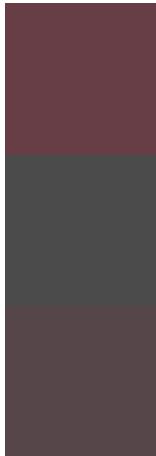
Original Color
683E46

Protanomaly
56464A

Deuteranomaly
5B4445

Tritanomaly
683E44

Monochromacy



Original Color
683E46

Achromatopsia
4B4B4B

Achromatomaly
564649

CSS Examples

Text

The CSS property to change the color of the text to Hex 683E46 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 #683E46 looks like.

```
.text, #text, p{  
    color:#683E46  
}
```

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 #683E46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683E46
}
```

Border

The CSS property to change the border of an element to Hex 683E46 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".

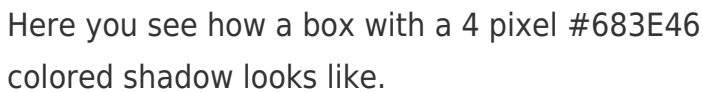
```
.border, #border, table{ border:4px solid
#683E46 }
```

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

```
.border{ border-color:#683E46 }
```

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

Here you see how a box with a 4 pixel #683E46 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 and to the right of the box is a dark red shadow, creating a 3D effect. The shadow is rectangular and matches the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683E46; -webkit-box-shadow:4px 4px  
4px 4px #683E46; box-shadow:4px 4px 4px  
4px #683E46 }
```

Background

The CSS property to change the background color of an element to Hex 683E46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683E46 }
```

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

```
.background{ background-color:#683E46 }
```

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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