

Converting Colors

Hex(683748)

Have a look what the booklet for
Hex(683748) contains.

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Color

Hex(683748)

Conversions

Conversions Part 1

Format	Color
Hex	683748
RGB	104, 55, 72
RGB Percent	41%, 22%, 28%
CMY	0.5922, 0.7843, 0.7176
CMYK	0.00, 0.47, 0.31, 0.59
HSL	339°, 31%, 31%
HSV	339°, 47%, 41%
XYZ	8.2448, 6.1433, 6.8821
YIQ	71.5890, 23.7470, 15.6750

Conversions

Conversions Part 2

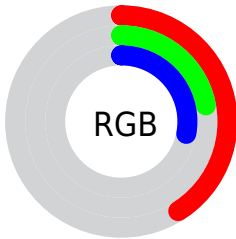
Format	Color
RYB	104, 55, 72
Decimal	6829896
CIELab	29.77, 24.05, -0.75
CIELCh	30, 24.057, 358.208
Yxy	6.1433, 0.3876, 0.2888
Android (android.graphics.Color)	4285019976 (0xFF683748)
YUV	71.5890, 0.2026, 28.4244
Hunter-Lab	24.7857, 16.0019, 0.8872




Details

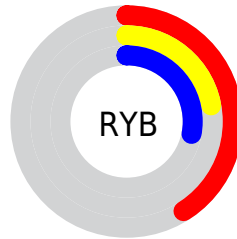
The Hex color **683748** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **376857**, and the grayscale version is **484848**.




A 20% lighter version of the original color is **9D6778**, and **370A1D** is the 20% darker color. If you saturate the color by 10%, you get **682D41**, and if you desaturate by 10%, it is **68414F**.

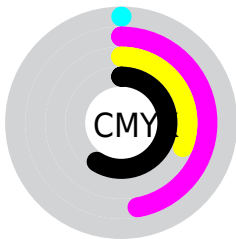
Distribution







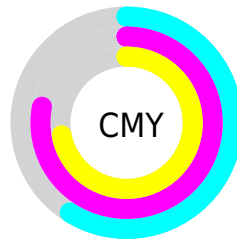
-  Red (41%)
-  Green (22%)
-  Blue (28%)






-  Red (41%)
-  Yellow (22%)
-  Blue (28%)



-  Cyan (0%)
-  Magenta (47%)
-  Yellow (31%)
-  Black (59%)



-  Cyan (59%)
-  Magenta (78%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 683748 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 683748 by changing the saturation by 10% instead.



683748



683748

FFFFFF



4F2032



9D6778



370A1D



B88192



250002



D49BAD



000000



F1B6C8



FFD2E4



FFEEFF



683748



683748



682D41



68414F

68223A

684C56

681834

68565C

680D2D

686163

680326

686B6A

680024

687571

688078

688A7E

689585

Harmonies

Analogous

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



5C3B5A



683748



693835

Triad

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



683748



404A24



004D65

Complementary

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



683748



376857

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.



004F57



683748



294E32

Square

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



683748



534520



045044



25486B

Rectangle

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



683748



653C2B



045044



004E61

Sweetspot

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



683748



87747B



573768



45393D



C4C4C4



454545

Same Dimension

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



683748



873A55



683E37



332E30



730028



F20054

Inverse Universe

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



683748



873A55



376168



332E30



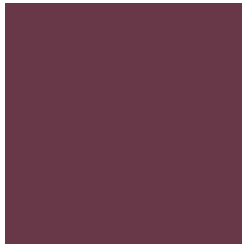
730028



F20054

Previews

White Background



This preview shows how the Hex color 683748 looks on a white background.

Color Contrast Check

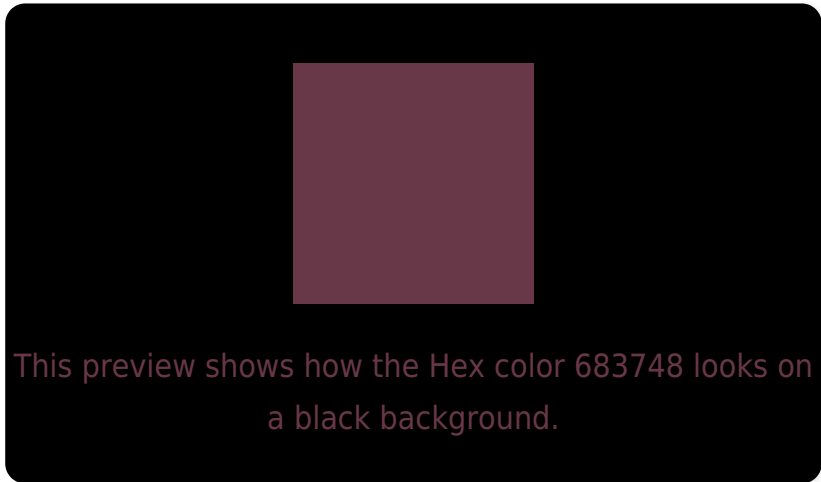
Large Text (above 18pt) WCAG AA ✓ Pass

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

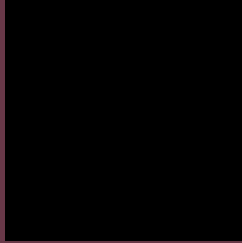
Any Text WCAG AA × Fail

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 683748 Background



This preview shows how black text looks on a background with the Hex color 683748.



This preview shows how white text looks on a background with the Hex color 683748.

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
683748

Protanopia
454651

Deuteranopia
4E4446



Tritanopia
67393D

Trichromacy



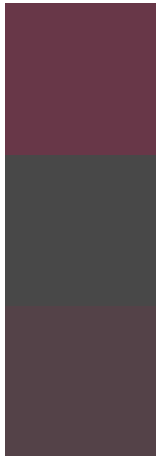
Original Color
683748

Protanomaly
52414E

Deuteranomaly
573F47

Tritanomaly
673841

Monochromacy



Original Color
683748

Achromatopsia
484848

Achromatomaly
544248

CSS Examples

Text

The CSS property to change the color of the text to Hex 683748 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 #683748 looks like.

```
.text, #text, p{  
    color:#683748  
}
```

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 #683748 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683748
}
```

Border

The CSS property to change the border of an element to Hex 683748 is called "border". The border property can be set on classes, ids or directly on the HTML element.

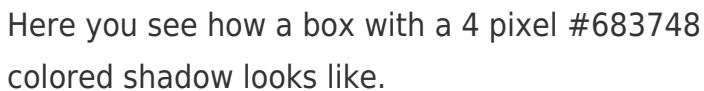
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#683748 }
```

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

```
.border{ border-color:#683748 }
```

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



Here you see how a box with a 4 pixel #683748 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683748; -webkit-box-shadow:4px 4px  
4px 4px #683748; box-shadow:4px 4px 4px  
4px #683748 }
```

Background

The CSS property to change the background color of an element to Hex 683748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683748 }
```

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

```
.background{ background-color:#683748 }
```

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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