

Converting Colors

Hex(684C3F)

Have a look what the booklet for
Hex(684C3F) contains.

Hex(684C3F)	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(684C3F)

Conversions

Conversions Part 1

Format	Color
Hex	684C3F
RGB	104, 76, 63
RGB Percent	41%, 30%, 25%
CMY	0.5922, 0.7020, 0.7529
CMYK	0.00, 0.27, 0.39, 0.59
HSL	19°, 25%, 33%
HSV	19°, 39%, 41%
XYZ	9.1906, 8.4708, 5.8533
YIQ	82.8900, 20.8610, 1.8930

Conversions

Conversions Part 2

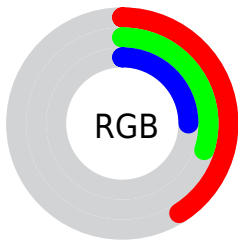
Format	Color
R_{YB}	104, 82, 63
Decimal	6835263
CIE Lab	34.94, 9.90, 12.35
CIE LCh	35, 15.834, 51.280
Yxy	8.4708, 0.3908, 0.3602
Android (android.graphics.Color)	4285025343 (0xFF684C3F)
YUV	82.8900, -9.8058, 18.5135
Hunter-Lab	29.1047, 5.4329, 8.4494

Details

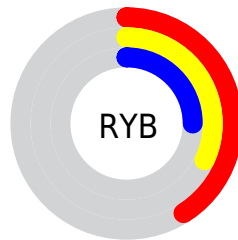
The Hex color **684C3F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3F5B68**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9C7D6F**, and **372015** is the 20% darker color. If you saturate the color by 10%, you get **684535**, and if you desaturate by 10%, it is **685349**.

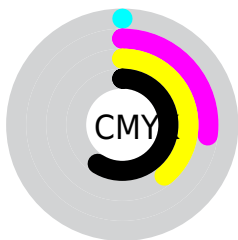
Distribution



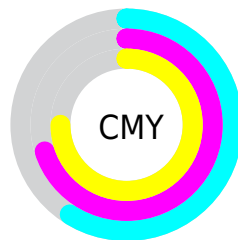
- Red (41%)
- Green (30%)
- Blue (25%)



- Red (41%)
- Yellow (32%)
- Blue (25%)



- Cyan (0%)
- Magenta (27%)
- Yellow (39%)
- Black (59%)



- Cyan (59%)
- Magenta (70%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684C3F 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 684C3F by changing the saturation by 10% instead.



684C3F



684C3F

FFFFFF



4F3529



9C7D6F



372015



B79788



220A00



D3B2A2



000000



F0CDBD



FFE9D9



FFFFF6



684C3F



684C3F



684535



685349

■ 683E2A

■ 685A54

■ 683720

■ 68615E

■ 683015

■ 686869

■ 68280B

■ 687073

■ 682101

■ 68777D

■ 682100

■ 687E88

■ 688592

■ 688C9D

Harmonies

Analogous

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



6C494A



684C3F



5F5039

Triad

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



684C3F



36594E



4F506A

Complementary

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



684C3F



3F5B68

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.



3D546B



684C3F



2D595B

Square

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



684C3F



445742



2F5865



5F4C62

Rectangle

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



684C3F



565339



2F5865



49526B

Sweetspot

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



684C3F



877C77



683F5B



453E3B



C4C4C4



454545

Same Dimension

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



684C3F



875C48



68603F



33302E



732400



F24D00

Inverse Universe

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



3F5B68



487387



3F4768



2E3133



004E73



00A5F2

Previews

White Background



This preview shows how the Hex color 684C3F looks on a white background.

Color Contrast Check

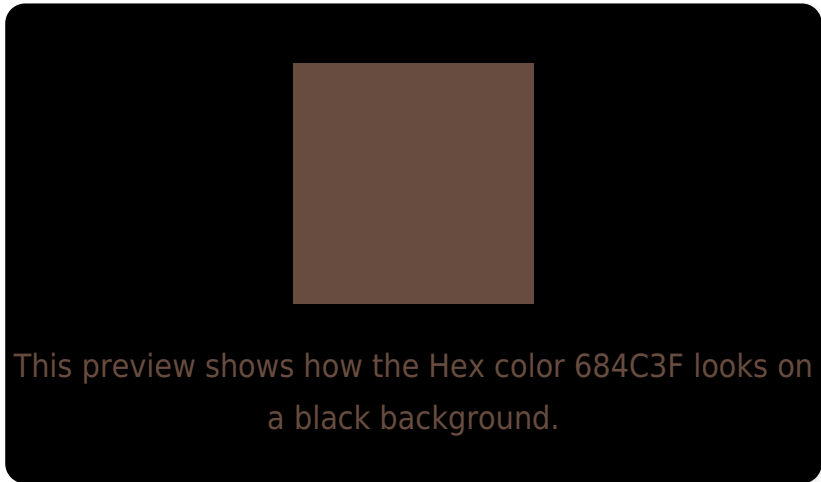
Large Text (above 18pt) WCAG AA ✓ Pass

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 684C3F Background



This preview shows how black text looks on a background with the Hex color 684C3F.

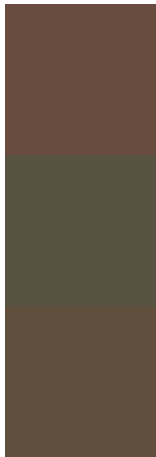


This preview shows how white text looks on a background with the Hex color 684C3F.

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
684C3F

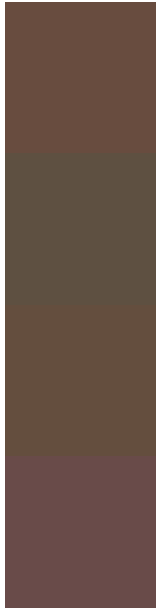
Protanopia
585242

Deuteranopia
614F3E



Tritanopia
6A4A4F

Trichromacy



Original Color
684C3F

Protanomaly
5E5041

Deuteranomaly
644E3E

Tritanomaly
694B49

Monochromacy



Original Color
684C3F

Achromatopsia
535353

Achromatomaly
5B504C

CSS Examples

Text

The CSS property to change the color of the text to Hex 684C3F 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 #684C3F looks like.

```
.text, #text, p{  
    color:#684C3F  
}
```

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 #684C3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684C3F
}
```

Border

The CSS property to change the border of an element to Hex 684C3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

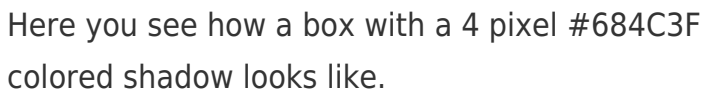
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684C3F }
```

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

```
.border{ border-color:#684C3F }
```

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



Here you see how a box with a 4 pixel #684C3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684C3F; -webkit-box-shadow:4px 4px  
4px 4px #684C3F; box-shadow:4px 4px 4px  
4px #684C3F }
```

Background

The CSS property to change the background color of an element to Hex 684C3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684C3F }
```

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

```
.background{ background-color:#684C3F }
```

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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