

# Converting Colors

Hex(684C4C)

Have a look what the booklet for  
Hex(684C4C) contains.

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**Color**

**Hex(684C4C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	684C4C
RGB	104, 76, 76
RGB Percent	41%, 30%, 30%
CMY	0.5922, 0.7020, 0.7020
CMYK	0.00, 0.27, 0.27, 0.59
HSL	0°, 16%, 35%
HSV	0°, 27%, 41%
XYZ	9.5979, 8.6337, 7.9981
YIQ	84.3720, 16.6880, 5.9360

# Conversions

## Conversions Part 2

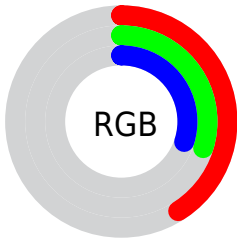
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 76, 76
Decimal	6835276
CIE <sub>Lab</sub>	35.27, 11.85, 4.63
CIE <sub>LCh</sub>	35, 12.721, 21.368
Yxy	8.6337, 0.3659, 0.3292
Android (android.graphics.Color)	4285025356 (0xFF684C4C)
YUV	84.3720, -4.1274, 17.2138
Hunter-Lab	29.3832, 6.8854, 4.4296

# Details

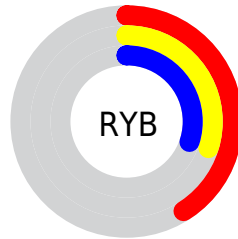
The Hex color **684C4C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4C6868**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **9C7D7D**, and **382020** is the 20% darker color. If you saturate the color by 10%, you get **684242**, and if you desaturate by 10%, it is **685656**.

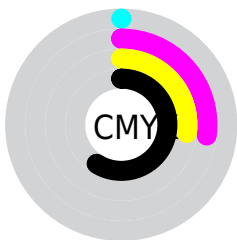
# Distribution



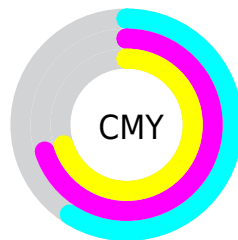
- Red (41%)
- Green (30%)
- Blue (30%)



- Red (41%)
- Yellow (30%)
- Blue (30%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 684C4C 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 684C4C by changing the saturation by 10% instead.





684C4C



684C4C

FFFFFF



4F3535



9C7D7D



382020



B79797



230A08



D3B2B1



000000



EFCDCD



FFE9E9



684C4C



684C4C



684242



685656



683737



686161

682D2D

686B6B

682222

687676

681818

688080

680E0E

688A8A

680303

689595

680000

689F9F

68AAAA

# Harmonies

## Analogous

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



654C56



684C4C



654E43

# Triad

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



684C4C



475746



435567

# Complementary

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



684C4C



4C6868

# 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.



395762



684C4C



3D5950

# Square

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



684C4C



535540



37595A



515166

# Rectangle

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



684C4C



605040



37595A



3F5666



# Sweetspot

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



684C4C



877C7C



684C68



453E3E



C4C4C4



454545



# Same Dimension

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



684C4C



875C5C



685A4C



332E2E



730000



F20000



# Inverse Universe

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



4C6868



5C8787



4C5A68



2E3333



007373



00F2F2



# Previews

## White Background



This preview shows how the Hex color 684C4C looks on a white background.

## Color Contrast Check

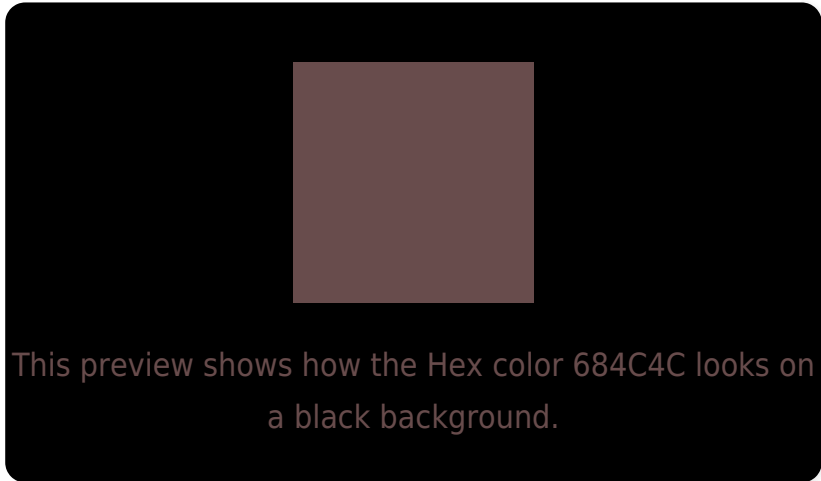
Large Text (above 18pt) WCAG AA ✓ Pass

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

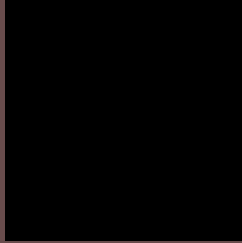
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 684C4C Background



This preview shows how black text looks on a background with the Hex color 684C4C.

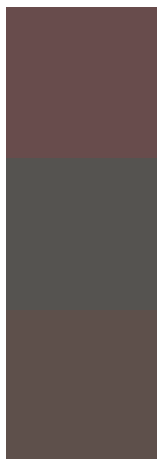


This preview shows how white text looks on a background with the Hex color 684C4C.

# 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**  
684C4C

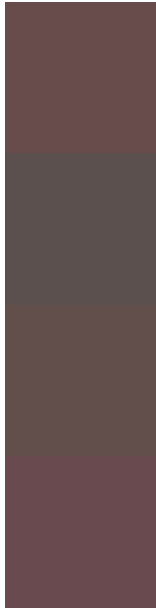
**Protanopia**  
553350

**Deuteranopia**  
5E504B



**Tritanopia**  
694B51

# Trichromacy



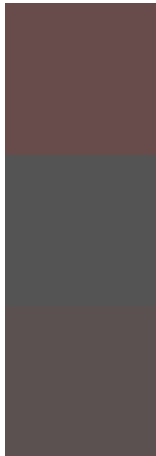
**Original Color**  
684C4C

**Protanomaly**  
5C504F

**Deuteranomaly**  
624F4B

**Tritanomaly**  
694B4F

# Monochromacy



**Original Color**  
684C4C

**Achromatopsia**  
545454

**Achromatomaly**  
5B5151

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 684C4C 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 #684C4C looks like.

```
.text, #text, p{  
    color:#684C4C  
}
```

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 #684C4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684C4C
}
```

## Border

The CSS property to change the border of an element to Hex 684C4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

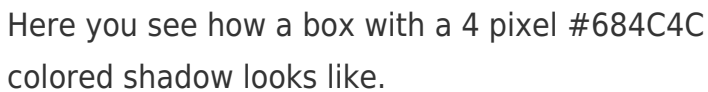
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684C4C }
```

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

```
.border{ border-color:#684C4C }
```

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



Here you see how a box with a 4 pixel #684C4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684C4C; -webkit-box-shadow:4px 4px  
4px 4px #684C4C; box-shadow:4px 4px 4px  
4px #684C4C }
```

# Background

The CSS property to change the background color of an element to Hex 684C4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684C4C }
```

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

```
.background{ background-color:#684C4C }
```

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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