

# Converting Colors

Hex(684C43)

Have a look what the booklet for  
Hex(684C43) contains.

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**Color**

**Hex(684C43)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	684C43
RGB	104, 76, 67
RGB Percent	41%, 30%, 26%
CMY	0.5922, 0.7020, 0.7373
CMYK	0.00, 0.27, 0.36, 0.59
HSL	15°, 22%, 34%
HSV	15°, 36%, 41%
XYZ	9.3065, 8.5172, 6.4637
YIQ	83.3460, 19.5770, 3.1370

# Conversions

## Conversions Part 2

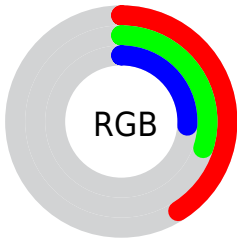
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 79, 67
Decimal	6835267
CIE Lab	35.04, 10.47, 9.98
CIE LCh	35, 14.459, 43.630
Yxy	8.5172, 0.3832, 0.3507
Android (android.graphics.Color)	4285025347 (0xFF684C43)
YUV	83.3460, -8.0586, 18.1136
Hunter-Lab	29.1842, 5.8490, 7.2975

# Details

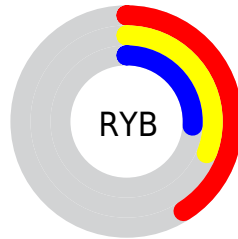
The Hex color **684C43** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **435F68**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9C7D73**, and **382018** is the 20% darker color. If you saturate the color by 10%, you get **684439**, and if you desaturate by 10%, it is **68544D**.

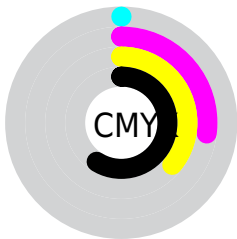
# Distribution



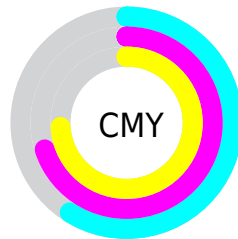
- Red (41%)
- Green (30%)
- Blue (26%)



- Red (41%)
- Yellow (31%)
- Blue (26%)



- Cyan (0%)
- Magenta (27%)
- Yellow (36%)
- Black (59%)



- Cyan (59%)
- Magenta (70%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 684C43 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 684C43 by changing the saturation by 10% instead.





684C43



684C43

FFFFFF



4F352D



9C7D73



382018



B7978D



230900



D3B2A7



000000



F0CDC2



FFE9DE



FFFFFFB



684C43



684C43



684439



68544D

■ 683C2E

■ 685C58

■ 683424

■ 686462

■ 682D19

■ 686B6D

■ 68250F

■ 687377

■ 681D05

■ 687B81

■ 681900

■ 68838C

■ 688B96

■ 6893A1

# Harmonies

## Analogous

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



6A4A4D



684C43



614F3D

# Triad

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



684C43



3C584C



4C5269

# Complementary

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



684C43



435F68

# 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.



3C5568



684C43



325957

# Square

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



684C43



485641



325862



5B4E63

# Rectangle

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



684C43



5A523B



325862



465369



# Sweetspot

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



684C43



877C78



68435F



453E3C



C4C4C4



454545



# Same Dimension

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



684C43



875B4D



685E43



332F2E



731C00



F23B00



# Inverse Universe

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



435F68



4D7987



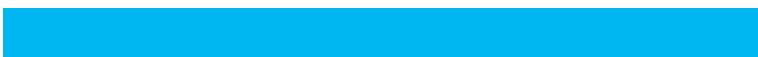
434D68



2E3233



005773



00B7F2



# Previews

## White Background



This preview shows how the Hex color 684C43 looks on a white background.

## Color Contrast Check

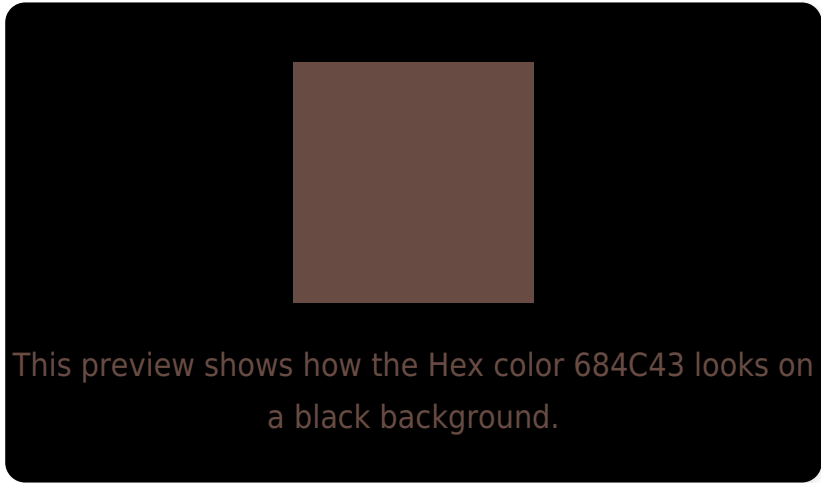
Large Text (above 18pt) WCAG AA ✓ Pass

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 684C43 Background



This preview shows how black text looks on a background with the Hex color 684C43.

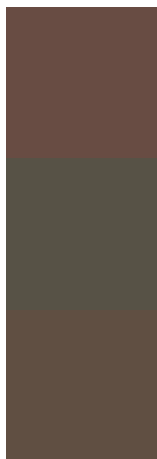


This preview shows how white text looks on a background with the Hex color 684C43.

# 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**  
68C43

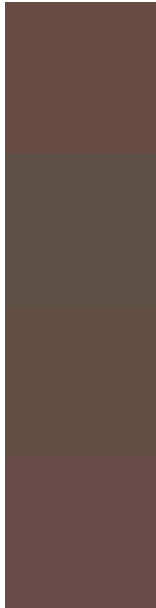
**Protanopia**  
575246

**Deuteranopia**  
604F42



**Tritanopia**  
694A50

# Trichromacy



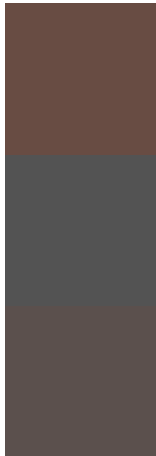
**Original Color**  
684C43

**Protanomaly**  
5D5045

**Deuteranomaly**  
634E42

**Tritanomaly**  
694B4B

# Monochromacy



**Original Color**  
684C43

**Achromatopsia**  
535353

**Achromatomaly**  
5B504D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 684C43 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 #684C43 looks like.

```
.text, #text, p{  
    color:#684C43  
}
```

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 #684C43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684C43
}
```

## Border

The CSS property to change the border of an element to Hex 684C43 is called "border". The border property can be set on classes, ids or directly on the HTML element.

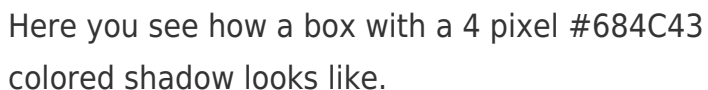
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684C43 }
```

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

```
.border{ border-color:#684C43 }
```

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



Here you see how a box with a 4 pixel #684C43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684C43; -webkit-box-shadow:4px 4px  
4px 4px #684C43; box-shadow:4px 4px 4px  
4px #684C43 }
```

# Background

The CSS property to change the background color of an element to Hex 684C43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684C43 }
```

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

```
.background{ background-color:#684C43 }
```

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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