

Converting Colors

Hex(684B4E)

Have a look what the booklet for
Hex(684B4E) contains.

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Color

Hex(684B4E)

Conversions

Conversions Part 1

Format	Color
Hex	684B4E
RGB	104, 75, 78
RGB Percent	41%, 29%, 31%
CMY	0.5922, 0.7059, 0.6941
CMYK	0.00, 0.28, 0.25, 0.59
HSL	354°, 16%, 35%
HSV	354°, 28%, 41%
XYZ	9.6001, 8.5253, 8.3473
YIQ	84.0130, 16.3210, 7.0810

Conversions

Conversions Part 2

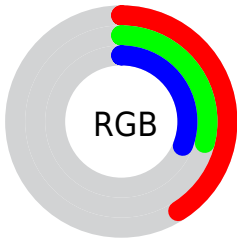
Format	Color
RYB	104, 75, 78
Decimal	6835022
CIELab	35.05, 12.79, 3.06
CIELCh	35, 13.156, 13.457
Yxy	8.5253, 0.3626, 0.3220
Android (android.graphics.Color)	4285025102 (0xFF684B4E)
YUV	84.0130, -2.9644, 17.5286
Hunter-Lab	29.1981, 7.5931, 3.4885

Details

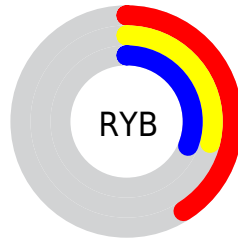
The Hex color **684B4E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4B6865**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **9C7C7F**, and **381F22** is the 20% darker color. If you saturate the color by 10%, you get **684145**, and if you desaturate by 10%, it is **685557**.

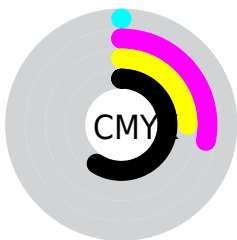
Distribution



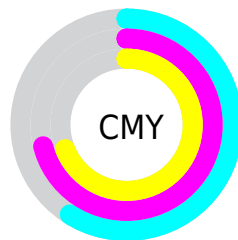
- Red (41%)
- Green (29%)
- Blue (31%)



- Red (41%)
- Yellow (29%)
- Blue (31%)



- Cyan (0%)
- Magenta (28%)
- Yellow (25%)
- Black (59%)



- Cyan (59%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684B4E 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 684B4E by changing the saturation by 10% instead.

 684B4E

 684B4E

FFFFFF

 4F3437

 9C7C7F

 381F22

 B79699

 23080B

 D3B1B4

 000000

 EFCCCF

 FFE8EB

 684B4E

 684B4E

 684145

 685557

 68363B

 686061

 682C32

 686A6A

 682129

 687573

 68171F

 687F7D

 680D16

 688986

 68020D

 68948F

 68000B

 689E99

 68A9A2

Harmonies

Analogous

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



644C59



684B4E



664D44

Triad

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



684B4E



4A5643



3F5566

Complementary

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



684B4E



4B6865

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.



365760



684B4E



3E584C

Square

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



684B4E



55533E



365857



4C5267

Rectangle

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



684B4E



624F40



365857



3B5665

Sweetspot

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



684B4E



877C7D



654B68



453E3F



C4C4C4



454545

Same Dimension

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



684B4E



875B5F



68564B



332E2E



73000C



F20019

Inverse Universe

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



684B4E



875B5F



4B5D68



332E2E



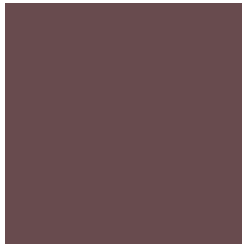
73000C



F20019

Previews

White Background



This preview shows how the Hex color 684B4E looks on a white background.

Color Contrast Check

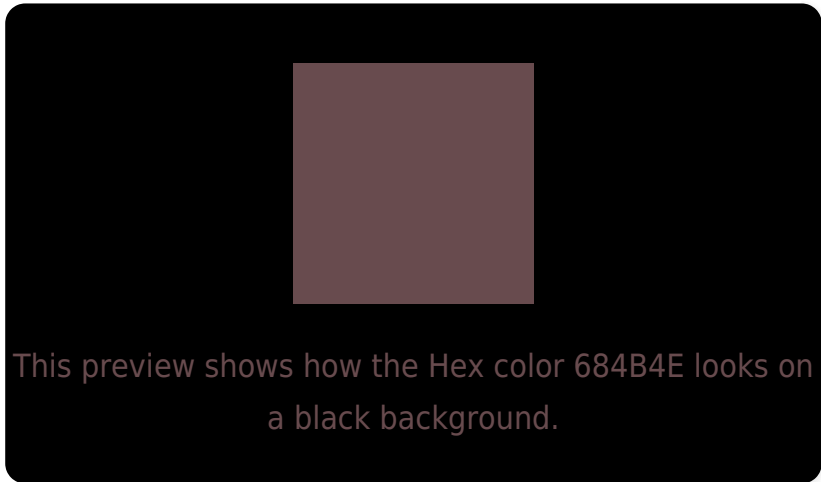
Large Text (above 18pt) WCAG AA ✓ Pass

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

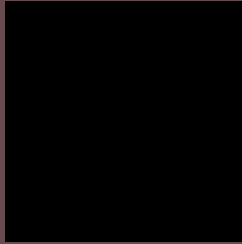
Any Text WCAG AA × Fail

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 684B4E Background



This preview shows how black text looks on a background with the Hex color 684B4E.

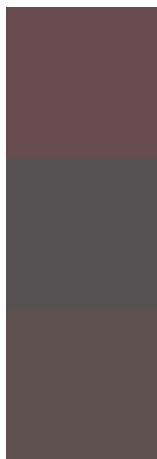


This preview shows how white text looks on a background with the Hex color 684B4E.

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
684B4E

Protanopia
545252

Deuteranopia
5D504D



Tritanopia
684B50

Trichromacy



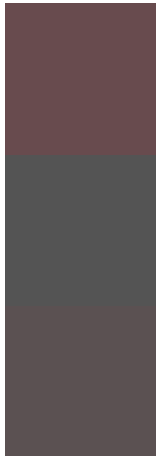
Original Color
684B4E

Protanomaly
5B4F51

Deuteranomaly
614E4D

Tritanomaly
684B4F

Monochromacy



Original Color
684B4E

Achromatopsia
545454

Achromatomaly
5B5152

CSS Examples

Text

The CSS property to change the color of the text to Hex 684B4E 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 #684B4E looks like.

```
.text, #text, p{  
    color:#684B4E  
}
```

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 #684B4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684B4E
}
```

Border

The CSS property to change the border of an element to Hex 684B4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

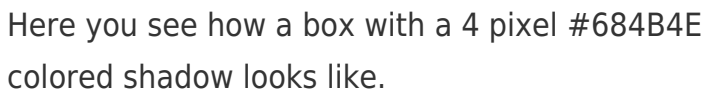
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684B4E }
```

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

```
.border{ border-color:#684B4E }
```

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



Here you see how a box with a 4 pixel #684B4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684B4E; -webkit-box-shadow:4px 4px  
4px 4px #684B4E; box-shadow:4px 4px 4px  
4px #684B4E }
```

Background

The CSS property to change the background color of an element to Hex 684B4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684B4E }
```

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

```
.background{ background-color:#684B4E }
```

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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