

Converting Colors

Hex(684E46)

Have a look what the booklet for
Hex(684E46) contains.

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Color

Hex(684E46)

Conversions

Conversions Part 1

Format	Color
Hex	684E46
RGB	104, 78, 70
RGB Percent	41%, 31%, 27%
CMY	0.5922, 0.6941, 0.7255
CMYK	0.00, 0.25, 0.33, 0.59
HSL	14°, 20%, 34%
HSV	14°, 33%, 41%
XYZ	9.5388, 8.8340, 6.9967
YIQ	84.8620, 18.0640, 3.0240

Conversions

Conversions Part 2

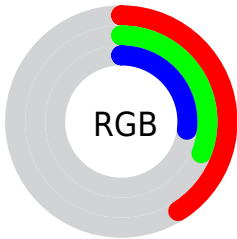
Format	Color
R_{YB}	104, 80, 70
Decimal	6835782
CIE Lab	35.66, 9.67, 8.97
CIE LCh	36, 13.189, 42.829
Yxy	8.8340, 0.3760, 0.3482
Android (android.graphics.Color)	4285025862 (0xFF684E46)
YUV	84.8620, -7.3270, 16.7840
Hunter-Lab	29.7221, 5.2729, 6.8483

Details

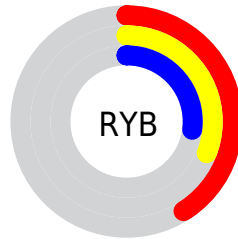
The Hex color **684E46** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **466068**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **9C7F76**, and **38221B** is the 20% darker color. If you saturate the color by 10%, you get **68463C**, and if you desaturate by 10%, it is **685650**.

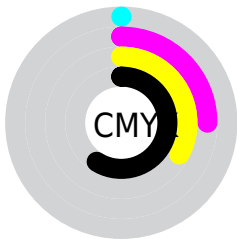
Distribution



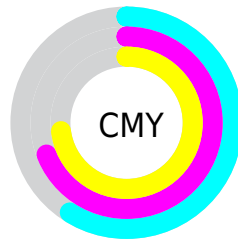
- Red (41%)
- Green (31%)
- Blue (27%)



- Red (41%)
- Yellow (31%)
- Blue (27%)



- Cyan (0%)
- Magenta (25%)
- Yellow (33%)
- Black (59%)



- Cyan (59%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684E46 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 684E46 by changing the saturation by 10% instead.



684E46



684E46

FFFFFF



4F3730



9C7F76



38221B



B79990



230C00



D3B4AA



000000



EFCFC6



FFECE2

FFFFFFE



684E46



684E46



68463C



685650

■ 683E31

■ 685E5B

■ 683627

■ 686665

■ 682E1C

■ 686E70

■ 682612

■ 68767A

■ 681E08

■ 687E84

■ 681800

■ 68868F

■ 688E99

■ 6896A4

Harmonies

Analogous

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



6A4C50



684E46



615140

Triad

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



684E46



40594D



4E5368

Complementary

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



684E46



466068

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.



405768



684E46



385A58

Square

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



684E46



4B5844



375962



5B5063

Rectangle

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



684E46



5B533F



375962



495469

Sweetspot

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



684E46



877D7A



684660



453F3D



C4C4C4



454545

Same Dimension

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



684E46



875F52



685F46



332F2E



731B00



F23900

Inverse Universe

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



466068



527B87



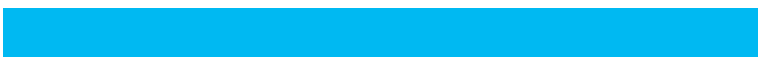
464F68



2E3233



005873



00B9F2

Previews

White Background



This preview shows how the Hex color 684E46 looks on a white background.

Color Contrast Check

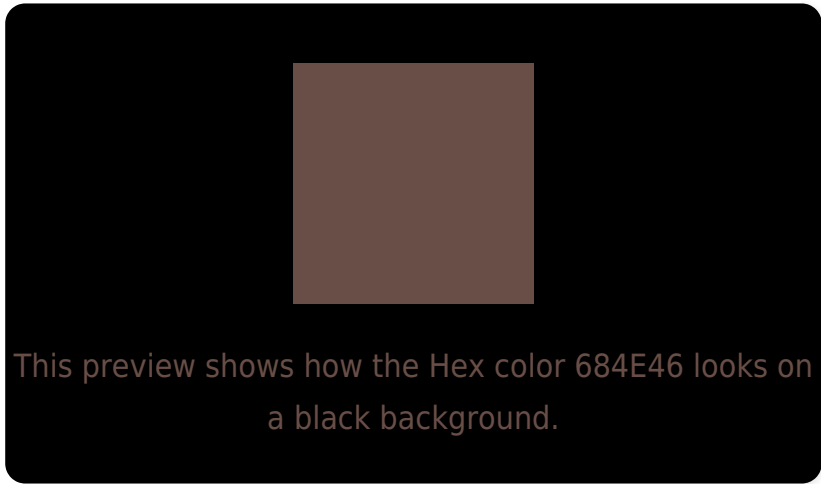
Large Text (above 18pt) WCAG AA ✓ Pass

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

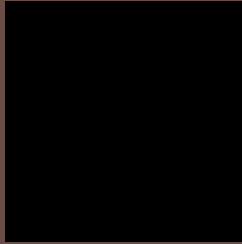
Any Text WCAG AA × Fail

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 684E46 Background



This preview shows how black text looks on a background with the Hex color 684E46.



This preview shows how white text looks on a background with the Hex color 684E46.

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

684E46

Protanopia

585449

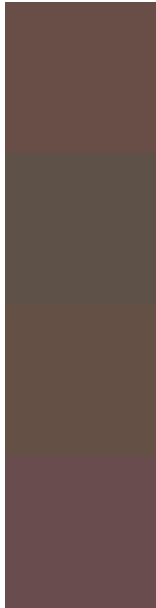
Deuteranopia

615145



Tritanopia
694C52

Trichromacy



Original Color
684E46

Protanomaly
5E5248

Deuteranomaly
645045

Tritanomaly
694D4E

Monochromacy



Original Color
684E46

Achromatopsia
555555

Achromatomaly
5C5250

CSS Examples

Text

The CSS property to change the color of the text to Hex 684E46 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 #684E46 looks like.

```
.text, #text, p{  
    color:#684E46  
}
```

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 #684E46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684E46
}
```

Border

The CSS property to change the border of an element to Hex 684E46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

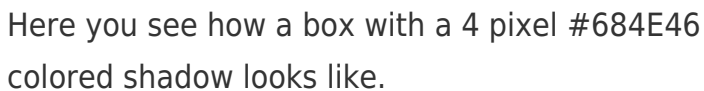
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684E46 }
```

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

```
.border{ border-color:#684E46 }
```

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



Here you see how a box with a 4 pixel #684E46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684E46; -webkit-box-shadow:4px 4px  
4px 4px #684E46; box-shadow:4px 4px 4px  
4px #684E46 }
```

Background

The CSS property to change the background color of an element to Hex 684E46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684E46 }
```

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

```
.background{ background-color:#684E46 }
```

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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