

Converting Colors

Hex(684E38)

Have a look what the booklet for
Hex(684E38) contains.

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Color

Hex(684E38)

Conversions

Conversions Part 1

Format	Color
Hex	684E38
RGB	104, 78, 56
RGB Percent	41%, 31%, 22%
CMY	0.5922, 0.6941, 0.7804
CMYK	0.00, 0.25, 0.46, 0.59
HSL	28°, 30%, 31%
HSV	28°, 46%, 41%
XYZ	9.1471, 8.6774, 4.9342
YIQ	83.2660, 22.5580, -1.3300

Conversions

Conversions Part 2

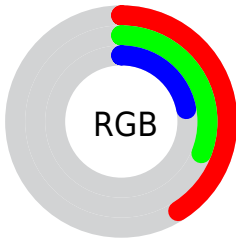
Format	Color
RYB	104, 97, 56
Decimal	6835768
CIELab	35.36, 7.77, 17.24
CIElCh	35, 18.911, 65.734
Yxy	8.6774, 0.4019, 0.3813
Android (android.graphics.Color)	4285025848 (0xFF684E38)
YUV	83.2660, -13.4421, 18.1837
Hunter-Lab	29.4574, 3.8776, 10.6889

Details

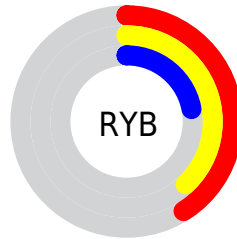
The Hex color **684E38** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **385268**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9C7F67**, and **37220D** is the 20% darker color. If you saturate the color by 10%, you get **68482E**, and if you desaturate by 10%, it is **685442**.

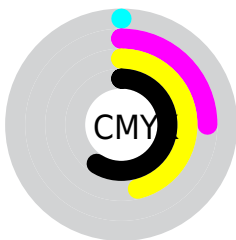
Distribution



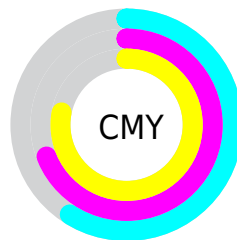
- Red (41%)
- Green (31%)
- Blue (22%)



- Red (41%)
- Yellow (38%)
- Blue (22%)



- Cyan (0%)
- Magenta (25%)
- Yellow (46%)
- Black (59%)



- Cyan (59%)
- Magenta (69%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684E38 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 684E38 by changing the saturation by 10% instead.



684E38



684E38

FFFFFF



4F3722



9C7F67



37220D



B89980



210C00



D4B49A



000000



F1CFB5



FFEBD1



FFFFED



684E38



684E38



68482E



685442

■ 684323

■ 68594D

■ 683D19

■ 685F57

■ 68370E

■ 686562

■ 683204

■ 686A6C

■ 683000

■ 687076

■ 687581

■ 687B8B

■ 688196

Harmonies

Analogous

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



704A42



684E38



5B5335

Triad

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



684E38



285B56



594E6C

Complementary

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



684E38



385268

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.



435471



684E38



215B64

Square

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



684E38



395A46



2D586E



694A60

Rectangle

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



684E38



505638



2D586E



52506E

Sweetspot

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



684E38



877D74



683852



453F39



C4C4C4



454545

Same Dimension

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



684E38



875F3D



686638



33302E



733500



F26F00

Inverse Universe

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



385268



3D6587



383A68



2E3133



003E73



0083F2

Previews

White Background



This preview shows how the Hex color 684E38 looks on a white background.

Color Contrast Check

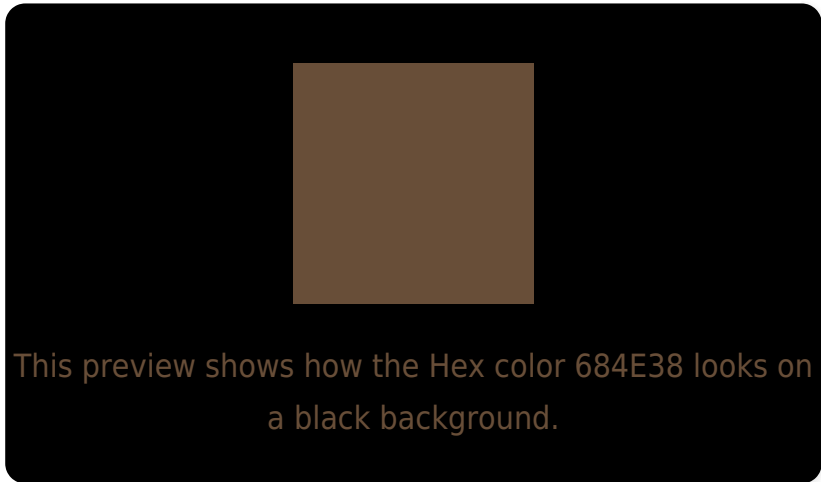
Large Text (above 18pt) WCAG AA ✓ Pass

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 684E38 Background



This preview shows how black text looks on a background with the Hex color 684E38.

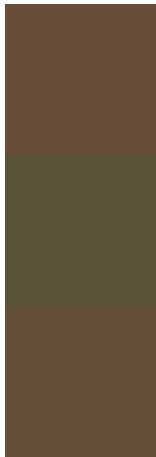


This preview shows how white text looks on a background with the Hex color 684E38.

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
684E38

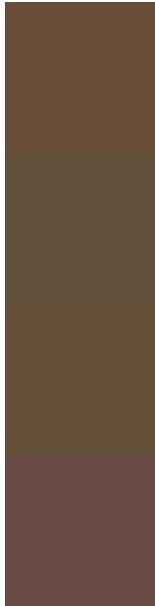
Protanopia
5A533A

Deuteranopia
645038



Tritanopia
6A4B51

Trichromacy



Original Color
684E38

Protanomaly
5F5139

Deuteranomaly
654F38

Tritanomaly
694C48

Monochromacy



Original Color
684E38

Achromatopsia
535353

Achromatomaly
5B5149

CSS Examples

Text

The CSS property to change the color of the text to Hex 684E38 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 #684E38 looks like.

```
.text, #text, p{  
    color:#684E38  
}
```

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 #684E38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684E38
}
```

Border

The CSS property to change the border of an element to Hex 684E38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

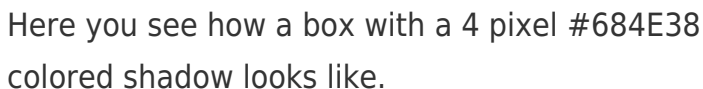
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684E38 }
```

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

```
.border{ border-color:#684E38 }
```

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



Here you see how a box with a 4 pixel #684E38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684E38; -webkit-box-shadow:4px 4px  
4px 4px #684E38; box-shadow:4px 4px 4px  
4px #684E38 }
```

Background

The CSS property to change the background color of an element to Hex 684E38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684E38 }
```

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

```
.background{ background-color:#684E38 }
```

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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