

Converting Colors

Hex(684E2D)

Have a look what the booklet for
Hex(684E2D) contains.

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Color

Hex(684E2D)

Conversions

Conversions Part 1

Format	Color
Hex	684E2D
RGB	104, 78, 45
RGB Percent	41%, 31%, 18%
CMY	0.5922, 0.6941, 0.8235
CMYK	0.00, 0.25, 0.57, 0.59
HSL	34°, 40%, 29%
HSV	34°, 57%, 41%
XYZ	8.9070, 8.5813, 3.6695
YIQ	82.0120, 26.0890, -4.7510

Conversions

Conversions Part 2

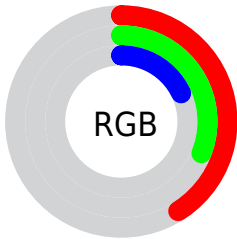
Format	Color
RYB	91, 104, 45
Decimal	6835757
CIELab	35.17, 6.57, 23.61
CIELCh	35, 24.510, 74.455
Yxy	8.5813, 0.4210, 0.4056
Android (android.graphics.Color)	4285025837 (0xFF684E2D)
YUV	82.0120, -18.2469, 19.2835
Hunter-Lab	29.2938, 3.0097, 13.0787

Details

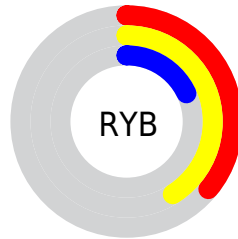
The Hex color **684E2D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2D4768**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9D7F5C**, and **372200** is the 20% darker color. If you saturate the color by 10%, you get **684923**, and if you desaturate by 10%, it is **685337**.

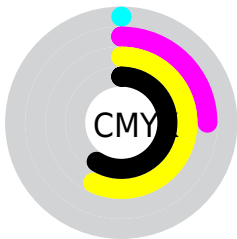
Distribution



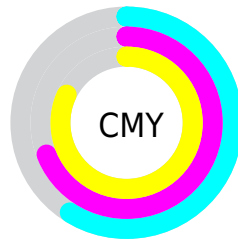
- Red (41%)
- Green (31%)
- Blue (18%)



- Red (36%)
- Yellow (41%)
- Blue (18%)



- Cyan (0%)
- Magenta (25%)
- Yellow (57%)
- Black (59%)



- Cyan (59%)
- Magenta (69%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684E2D 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 684E2D by changing the saturation by 10% instead.



684E2D



684E2D

FFFFFF



4F3717



9D7F5C



372200



B99974



1F0D00



D5B48E



000000



F2CFA9



FFEBC4



FFFFE0



FFFFFFD



684E2D



684E2D

■ 684923

■ 685337

■ 684518

■ 685742

■ 68400E

■ 685C4C

■ 683C03

■ 686057

■ 683A00

■ 686561

■ 68696B

■ 686E76

■ 687380

■ 68778B

Harmonies

Analogous

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



744738



684E2D



56552C

Triad

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



684E2D



005D5C



614A6F

Complementary

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



684E2D



2D4768

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.



455178



684E2D



005C6D

Square

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



684E2D



265C48



205878



72445E

Rectangle

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



684E2D



485832



205878



594D73

Sweetspot

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



684E2D



877D70



682D48



453F37



C4C4C4



454545

Same Dimension

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



684E2D



875F2B



65682D



33312E



734000



F28700

Inverse Universe

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



2D4768



2B5487



302D68



2E3033



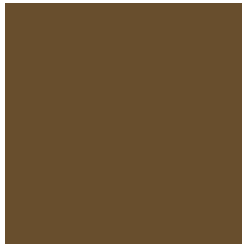
003373



006BF2

Previews

White Background



This preview shows how the Hex color 684E2D looks on a white background.

Color Contrast Check

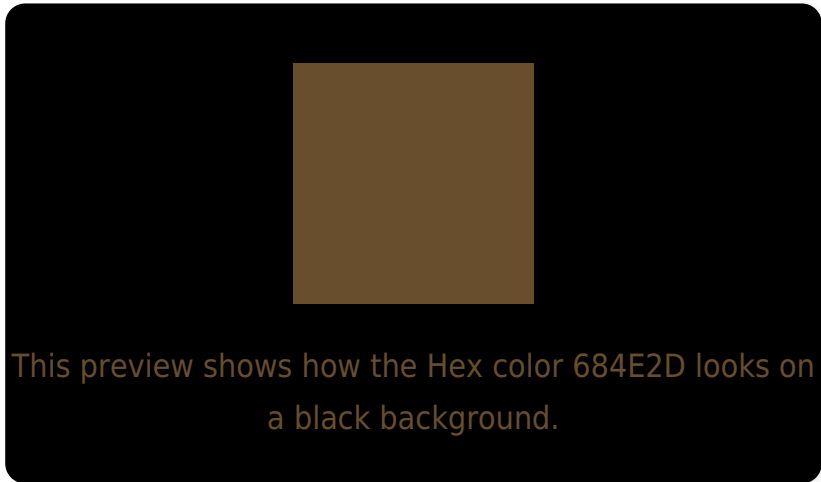
Large Text (above 18pt) WCAG AA ✓ Pass

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

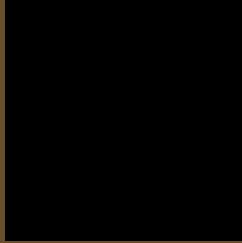
Any Text WCAG AA × Fail

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 684E2D Background



This preview shows how black text looks on a background with the Hex color 684E2D.



This preview shows how white text looks on a background with the Hex color 684E2D.

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
684E2D

Protanopia
5B532F

Deuteranopia
664F2D



Tritanopia
6B4A50

Trichromacy



Original Color
684E2D

Protanomaly
60512E

Deuteranomaly
674F2D

Tritanomaly
6A4B43

Monochromacy



Original Color
684E2D

Achromatopsia
525252

Achromatomaly
5A5145

CSS Examples

Text

The CSS property to change the color of the text to Hex 684E2D 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 #684E2D looks like.

```
.text, #text, p{  
    color:#684E2D  
}
```

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 #684E2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684E2D
}
```

Border

The CSS property to change the border of an element to Hex 684E2D is called "border". The border property can be set on classes, ids or directly on the HTML element.

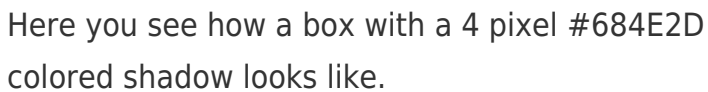
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684E2D }
```

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

```
.border{ border-color:#684E2D }
```

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



Here you see how a box with a 4 pixel #684E2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684E2D; -webkit-box-shadow:4px 4px  
4px 4px #684E2D; box-shadow:4px 4px 4px  
4px #684E2D }
```

Background

The CSS property to change the background color of an element to Hex 684E2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684E2D }
```

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

```
.background{ background-color:#684E2D }
```

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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