

Converting Colors

Hex(684D3C)

Have a look what the booklet for
Hex(684D3C) contains.

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Color

Hex(684D3C)

Conversions

Conversions Part 1

Format	Color
Hex	684D3C
RGB	104, 77, 60
RGB Percent	41%, 30%, 24%
CMY	0.5922, 0.6980, 0.7647
CMYK	0.00, 0.26, 0.42, 0.59
HSL	23°, 27%, 32%
HSV	23°, 42%, 41%
XYZ	9.1784, 8.5771, 5.4467
YIQ	83.1350, 21.5490, 0.4370

Conversions

Conversions Part 2

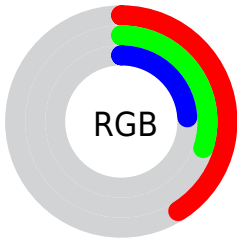
Format	Color
RYB	104, 88, 60
Decimal	6835516
CIELab	35.16, 8.89, 14.51
CIElCh	35, 17.016, 58.507
Yxy	8.5771, 0.3956, 0.3697
Android (android.graphics.Color)	4285025596 (0xFF684D3C)
YUV	83.1350, -11.4056, 18.2986
Hunter-Lab	29.2866, 4.6902, 9.4738

Details

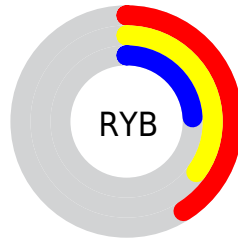
The Hex color **684D3C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3C5768**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9C7E6B**, and **372112** is the 20% darker color. If you saturate the color by 10%, you get **684732**, and if you desaturate by 10%, it is **685346**.

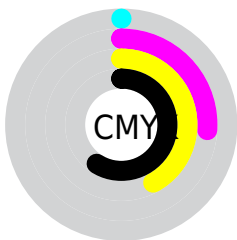
Distribution



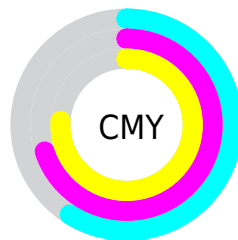
- Red (41%)
- Green (30%)
- Blue (24%)



- Red (41%)
- Yellow (35%)
- Blue (24%)



- Cyan (0%)
- Magenta (26%)
- Yellow (42%)
- Black (59%)



- Cyan (59%)
- Magenta (70%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684D3C 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 684D3C by changing the saturation by 10% instead.

 684D3C

 684D3C

FFFFFF

 4F3626

 9C7E6B

 372112

 B89885

 220B00

 D4B39F

 000000

 F0CEBA

 FFEAD6

 FFFFF2

 684D3C

 684D3C

 684732

 685346

■ 684027

■ 685A51

■ 683A1D

■ 68605B

■ 683312

■ 686766

■ 682D08

■ 686D70

■ 682800

■ 68737A

■ 687A85

■ 68808F

■ 68869A

Harmonies

Analogous

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



6E4A46



684D3C



5D5238

Triad

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



684D3C



305A51



544F6A

Complementary

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



684D3C



3C5768

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.



40546E



684D3C



285A5F

Square

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



684D3C



3F5944



2F5869



634B61

Rectangle

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



684D3C



545439



2F5869



4D516C

Sweetspot

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



684D3C



877C76



683C57



453E3A



C4C4C4



454545

Same Dimension

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



684D3C



875D42



68633C



33302E



732C00



F25E00

Inverse Universe

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



3C5768



426D87



3C4168



2E3133



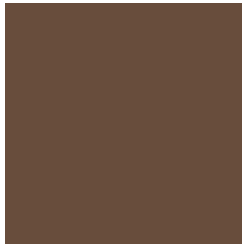
004673



0095F2

Previews

White Background



This preview shows how the Hex color 684D3C looks on a white background.

Color Contrast Check

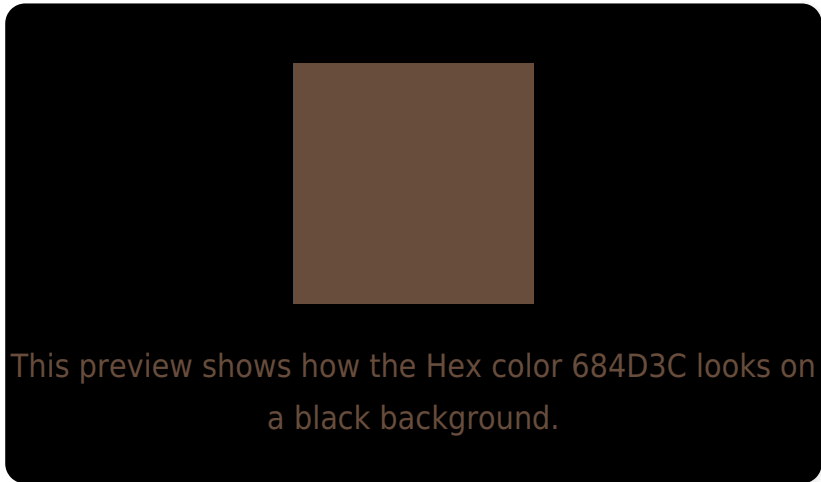
Large Text (above 18pt) WCAG AA ✓ Pass

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 684D3C Background



This preview shows how black text looks on a background with the Hex color 684D3C.



This preview shows how white text looks on a background with the Hex color 684D3C.

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
684D3C

Protanopia
59533F

Deuteranopia
624F3C



Tritanopia
6A4A50

Trichromacy



Original Color
684D3C

Protanomaly
5E513E

Deuteranomaly
644E3C

Tritanomaly
694B49

Monochromacy



Original Color
684D3C

Achromatopsia
535353

Achromatomaly
5B514B

CSS Examples

Text

The CSS property to change the color of the text to Hex 684D3C 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 #684D3C looks like.

```
.text, #text, p{  
    color:#684D3C  
}
```

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 #684D3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684D3C  
}
```

Border

The CSS property to change the border of an element to Hex 684D3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

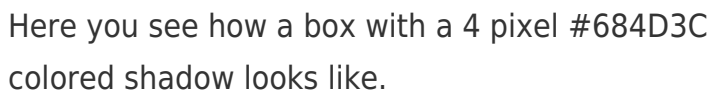
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#684D3C }
```

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

```
.border{ border-color:#684D3C }
```

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



Here you see how a box with a 4 pixel #684D3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684D3C; -webkit-box-shadow:4px 4px  
4px 4px #684D3C; box-shadow:4px 4px 4px  
4px #684D3C }
```

Background

The CSS property to change the background color of an element to Hex 684D3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684D3C }
```

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

```
.background{ background-color:#684D3C }
```

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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