

Converting Colors

Hex(684A4C)

Have a look what the booklet for
Hex(684A4C) contains.

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Color

Hex(684A4C)

Conversions

Conversions Part 1

Format	Color
Hex	684A4C
RGB	104, 74, 76
RGB Percent	41%, 29%, 30%
CMY	0.5922, 0.7098, 0.7020
CMYK	0.00, 0.29, 0.27, 0.59
HSL	356°, 17%, 35%
HSV	356°, 29%, 41%
XYZ	9.4622, 8.3624, 7.9529
YIQ	83.1980, 17.2380, 6.9820

Conversions

Conversions Part 2

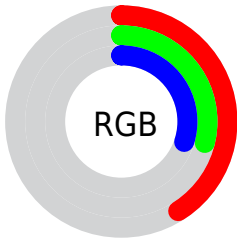
Format	Color
R_{YB}	104, 74, 76
Decimal	6834764
CIE _{Lab}	34.73, 13.08, 3.86
CIE _{LCh}	35, 13.641, 16.426
Yxy	8.3624, 0.3671, 0.3244
Android (android.graphics.Color)	4285024844 (0xFF684A4C)
YUV	83.1980, -3.5486, 18.2434
Hunter-Lab	28.9178, 7.8007, 3.9368

Details

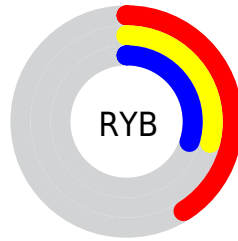
The Hex color **684A4C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4A6866**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9C7B7D**, and **381E20** is the 20% darker color. If you saturate the color by 10%, you get **684042**, and if you desaturate by 10%, it is **685456**.

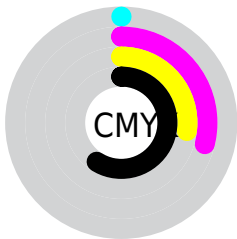
Distribution



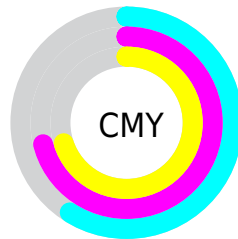
- Red (41%)
- Green (29%)
- Blue (30%)



- Red (41%)
- Yellow (29%)
- Blue (30%)



- Cyan (0%)
- Magenta (29%)
- Yellow (27%)
- Black (59%)



- Cyan (59%)
- Magenta (71%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684A4C 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 684A4C by changing the saturation by 10% instead.

684A4C

684A4C

FFFFFF

4F3335

9C7B7D

381E20

B79597

230708

D3AFB1

000000

EFCBCD

FFE7E9

684A4C

684A4C

684042

685456

683539

685F5F

682B2F

686969

682025

687473

68161B

687E7D

680C12

688886

680108

689390

680007

689D9A

68A8A3

Harmonies

Analogous

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



644A57



684A4C



664C42

Triad

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



684A4C



475642



3E5466

Complementary

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



684A4C



4A6866

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.



345761



684A4C



3B574C

Square

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



684A4C



54533D



345857



4D5166

Rectangle

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



684A4C



614E3E



345857



3A5565

Sweetspot

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



684A4C



877B7C



664A68



453D3E



C4C4C4



454545

Same Dimension

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



684A4C



87585B



68574A



332E2E



730008



F20010

Inverse Universe

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



684A4C



87585B



4A5B68



332E2E



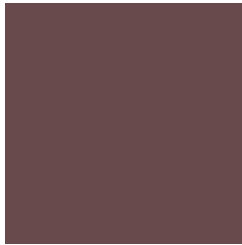
730008



F20010

Previews

White Background



This preview shows how the Hex color 684A4C looks on a white background.

Color Contrast Check

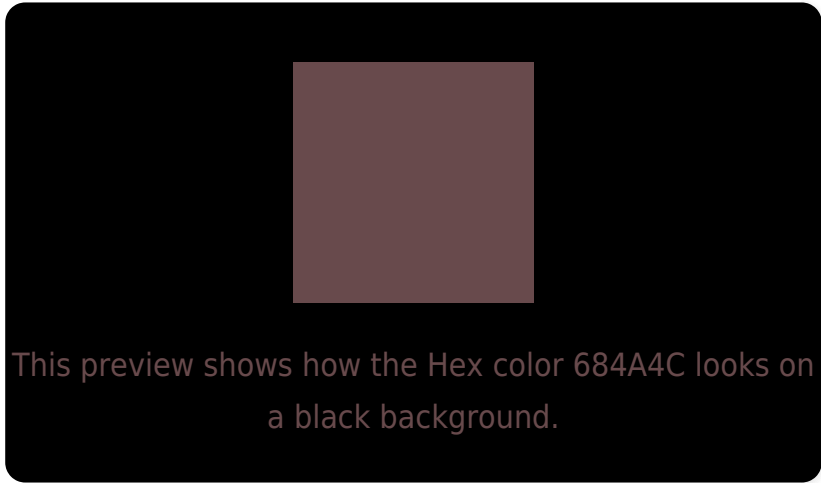
Large Text (above 18pt) WCAG AA ✓ Pass

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

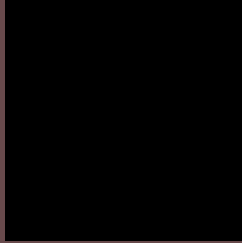
Any Text WCAG AA × Fail

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 684A4C Background



This preview shows how black text looks on a background with the Hex color 684A4C.

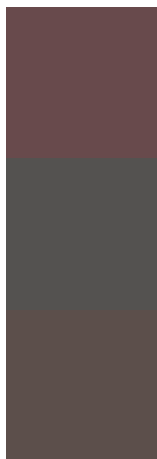


This preview shows how white text looks on a background with the Hex color 684A4C.

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](#).

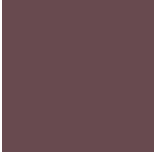
Dichromacy



Original Color
684A4C

Protanopia
545250

Deuteranopia
5C4F4B



Tritanopia
684A4F

Trichromacy



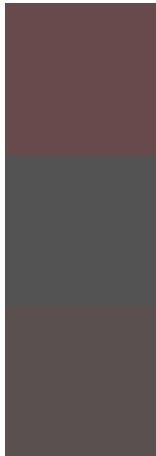
Original Color
684A4C

Protanomaly
5B4F4F

Deuteranomaly
604D4B

Tritanomaly
684A4E

Monochromacy



Original Color
684A4C

Achromatopsia
535353

Achromatomaly
5B5050

CSS Examples

Text

The CSS property to change the color of the text to Hex 684A4C 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 #684A4C looks like.

```
.text, #text, p{  
    color:#684A4C  
}
```

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 #684A4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684A4C
}
```

Border

The CSS property to change the border of an element to Hex 684A4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

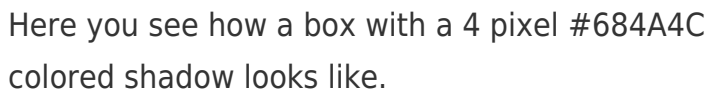
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684A4C }
```

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

```
.border{ border-color:#684A4C }
```

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



Here you see how a box with a 4 pixel #684A4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684A4C; -webkit-box-shadow:4px 4px  
4px 4px #684A4C; box-shadow:4px 4px 4px  
4px #684A4C }
```

Background

The CSS property to change the background color of an element to Hex 684A4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684A4C }
```

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

```
.background{ background-color:#684A4C }
```

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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