

Converting Colors

Hex(684C56)

Have a look what the booklet for
Hex(684C56) contains.

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Color

Hex(684C56)

Conversions

Conversions Part 1

Format	Color
Hex	684C56
RGB	104, 76, 86
RGB Percent	41%, 30%, 34%
CMY	0.5922, 0.7020, 0.6627
CMYK	0.00, 0.27, 0.17, 0.59
HSL	339°, 16%, 35%
HSV	339°, 27%, 41%
XYZ	9.9731, 8.7838, 9.9739
YIQ	85.5120, 13.4780, 9.0460

Conversions

Conversions Part 2

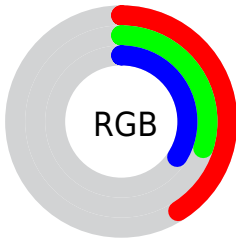
Format	Color
RYB	104, 76, 86
Decimal	6835286
CIELab	35.56, 13.57, -1.25
CIElCh	36, 13.627, 354.728
Yxy	8.7838, 0.3471, 0.3057
Android (android.graphics.Color)	4285025366 (0xFF684C56)
YUV	85.5120, 0.2406, 16.2140
Hunter-Lab	29.6375, 8.1999, 0.7934




Details

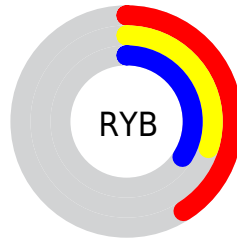
The Hex color **684C56** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4C685E**, and the grayscale version is **565656**.




A 20% lighter version of the original color is **9C7D88**, and **382029** is the 20% darker color. If you saturate the color by 10%, you get **68424F**, and if you desaturate by 10%, it is **68565D**.

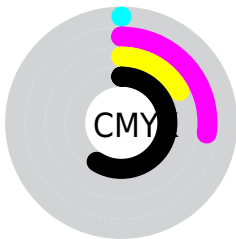
Distribution







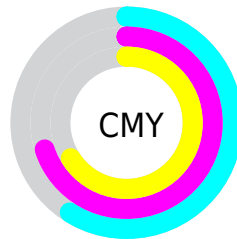
-  Red (41%)
-  Green (30%)
-  Blue (34%)






-  Red (41%)
-  Yellow (30%)
-  Blue (34%)



-  Cyan (0%)
-  Magenta (27%)
-  Yellow (17%)
-  Black (59%)



-  Cyan (59%)
-  Magenta (70%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684C56 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 684C56 by changing the saturation by 10% instead.



684C56



684C56

FFFFFF



50353F



9C7D88



382029



B797A2



230A15



D2B2BD



000000



EFCDD9



FFEAF5



684C56



684C56



68424F



68565D



683749



686163

682D42

686B6A

68223B

687671

681835

688077

680E2E

688A7E

680327

689585

680025

689F8B

68AA92

Harmonies

Analogous

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



604E60



684C56



6A4C4B

Triad

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



684C56



525640



385865

Complementary

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



684C56



4C685E

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.



355A5C



684C56



465847

Square

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



684C56



5E523E



3B5A51



445569

Rectangle

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



684C56



684E45



3B5A51



365963

Sweetspot

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



684C56



877C80



5E4C68



453E40



C4C4C4



454545

Same Dimension

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



684C56



875C6B



68504C



332E30



730029



F20057

Inverse Universe

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



684C56



875C6B



4C6468



332E30



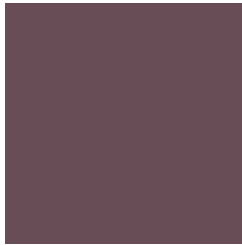
730029



F20057

Previews

White Background



This preview shows how the Hex color 684C56 looks on a white background.

Color Contrast Check

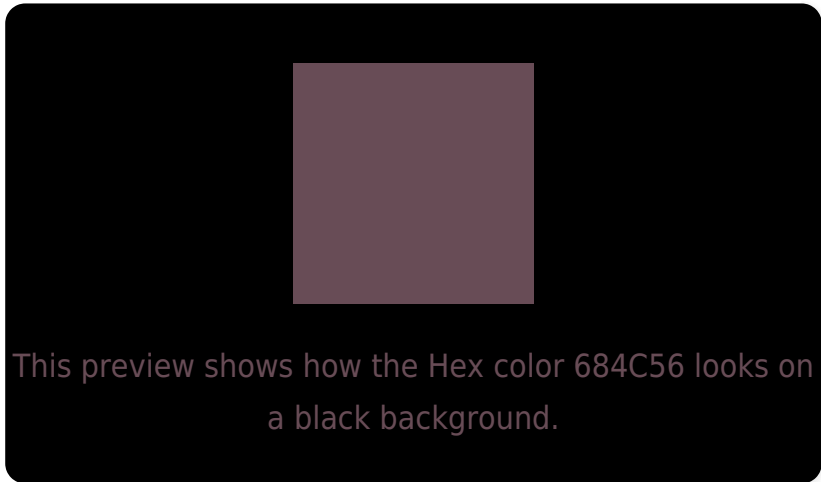
Large Text (above 18pt) WCAG AA ✓ Pass

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

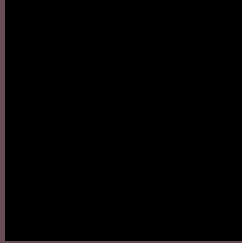
Any Text WCAG AA × Fail

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 684C56 Background



This preview shows how black text looks on a background with the Hex color 684C56.



This preview shows how white text looks on a background with the Hex color 684C56.

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
684C56

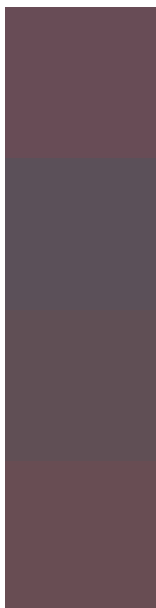
Protanopia
53535A

Deuteranopia
5B5155



Tritanopia
684D52

Trichromacy



Original Color

684C56

Protanomaly

5B5059

Deuteranomaly

604F55

Tritanomaly

684D53

Monochromacy



Original Color

684C56

Achromatopsia

565656

Achromatomaly

5D5256

CSS Examples

Text

The CSS property to change the color of the text to Hex 684C56 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 #684C56 looks like.

```
.text, #text, p{  
    color:#684C56  
}
```

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 #684C56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684C56
}
```

Border

The CSS property to change the border of an element to Hex 684C56 is called "border". The border property can be set on classes, ids or directly on the HTML element.

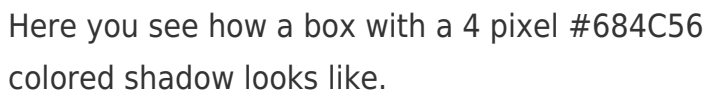
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684C56 }
```

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

```
.border{ border-color:#684C56 }
```

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



Here you see how a box with a 4 pixel #684C56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684C56; -webkit-box-shadow:4px 4px  
4px 4px #684C56; box-shadow:4px 4px 4px  
4px #684C56 }
```

Background

The CSS property to change the background color of an element to Hex 684C56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684C56 }
```

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

```
.background{ background-color:#684C56 }
```

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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