

Converting Colors

Hex(684750)

Have a look what the booklet for
Hex(684750) contains.

Hex(684750)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(684750)

Conversions

Conversions Part 1

Format	Color
Hex	684750
RGB	104, 71, 80
RGB Percent	41%, 28%, 31%
CMY	0.5922, 0.7216, 0.6863
CMYK	0.00, 0.32, 0.23, 0.59
HSL	344°, 19%, 34%
HSV	344°, 32%, 41%
XYZ	9.4101, 8.0287, 8.6431
YIQ	81.8930, 16.7790, 9.7950

Conversions

Conversions Part 2

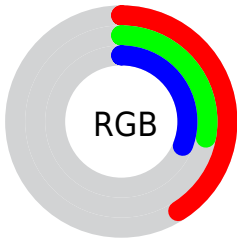
Format	Color
RYB	104, 71, 80
Decimal	6834000
CIELab	34.04, 15.61, 0.33
CIElCh	34, 15.610, 1.197
Yxy	8.0287, 0.3608, 0.3078
Android (android.graphics.Color)	4285024080 (0xFF684750)
YUV	81.8930, -0.9332, 19.3878
Hunter-Lab	28.3350, 9.6941, 1.7490




Details

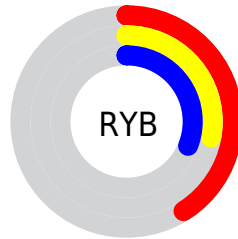
The Hex color **684750** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **47685F**, and the grayscale version is **525252**.




A 20% lighter version of the original color is **9C7881**, and **381B24** is the 20% darker color. If you saturate the color by 10%, you get **683D48**, and if you desaturate by 10%, it is **685158**.

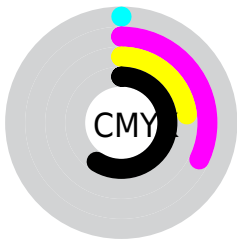
Distribution







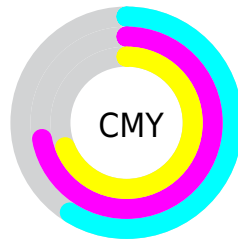
-  Red (41%)
-  Green (28%)
-  Blue (31%)






-  Red (41%)
-  Yellow (28%)
-  Blue (31%)



-  Cyan (0%)
-  Magenta (32%)
-  Yellow (23%)
-  Black (59%)



-  Cyan (59%)
-  Magenta (72%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684750 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 684750 by changing the saturation by 10% instead.

 684750

 684750

FFFFFF

 4F3039

 9C7881

 381B24

 B7929B

 23030E

 D3ACB6

 000000

 EFC8D1

 FFE4EE

 684750

 684750

 683D48

 685158

 683241

 685C5F

682839

686667

681D32

68716E

68132A

687B76

680923

68857D

68001C

689085

689A8D

68A594

Harmonies

Analogous

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



60495C



684750



694844

Triad

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



684750



4B533B



315565

Complementary

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



684750



47685F

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.



2B575C



684750



3D5644

Square

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



684750



594F37



305750



415169

Rectangle

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



684750



654A3D



305750



2E5563

Sweetspot

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



684750



877A7D



5F4768



453D3F



C4C4C4



454545

Same Dimension

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



684750



875462



684E47



332E2F



73001F



F20042

Inverse Universe

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



684750



875462



476168



332E2F



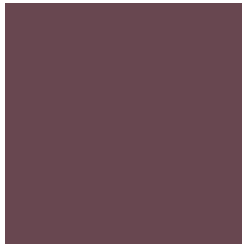
73001F



F20042

Previews

White Background



This preview shows how the Hex color 684750 looks on a white background.

Color Contrast Check

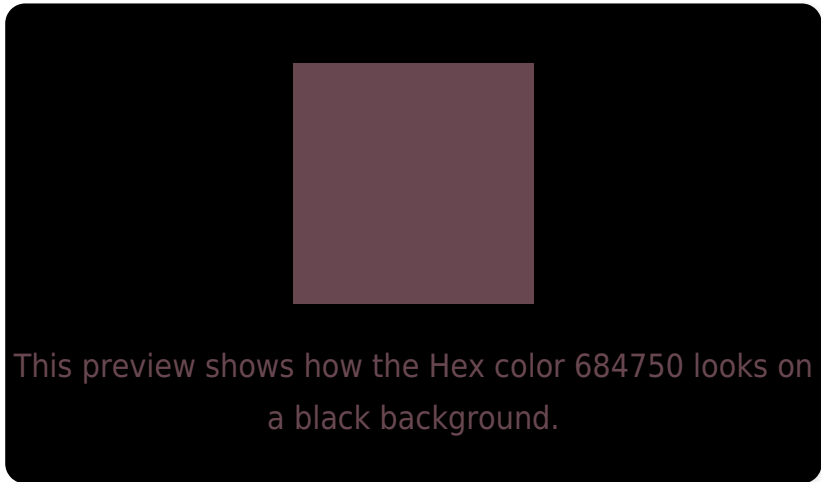
Large Text (above 18pt) WCAG AA ✓ Pass

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 684750 Background



This preview shows how black text looks on a background with the Hex color 684750.



This preview shows how white text looks on a background with the Hex color 684750.

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
684750

Protanopia
505055

Deuteranopia
594E4F



Tritanopia
68484D

Trichromacy



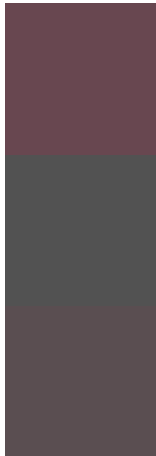
Original Color
684750

Protanomaly
594D53

Deuteranomaly
5E4B4F

Tritanomaly
68484E

Monochromacy



Original Color
684750

Achromatopsia
525252

Achromatomaly
5A4E51

CSS Examples

Text

The CSS property to change the color of the text to Hex 684750 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 #684750 looks like.

```
.text, #text, p{  
    color:#684750  
}
```

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 #684750 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684750
}
```

Border

The CSS property to change the border of an element to Hex 684750 is called "border". The border property can be set on classes, ids or directly on the HTML element.

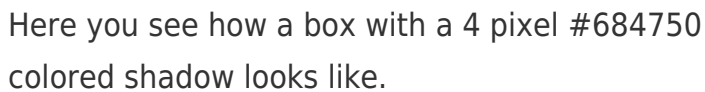
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684750 }
```

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

```
.border{ border-color:#684750 }
```

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



Here you see how a box with a 4 pixel #684750 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684750; -webkit-box-shadow:4px 4px  
4px 4px #684750; box-shadow:4px 4px 4px  
4px #684750 }
```

Background

The CSS property to change the background color of an element to Hex 684750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684750 }
```

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

```
.background{ background-color:#684750 }
```

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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