

Converting Colors

Hex(684E66)

Have a look what the booklet for
Hex(684E66) contains.

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Color

Hex(684E66)

Conversions

Conversions Part 1

Format	Color
Hex	684E66
RGB	104, 78, 102
RGB Percent	41%, 31%, 40%
CMY	0.5922, 0.6941, 0.6000
CMYK	0.00, 0.25, 0.02, 0.59
HSL	305°, 14%, 36%
HSV	305°, 25%, 41%
XYZ	10.8316, 9.3511, 13.8044
YIQ	88.5100, 7.7920, 12.9760

Conversions

Conversions Part 2

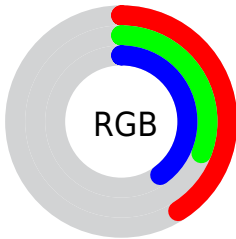
Format	Color
R_{YB}	104, 78, 102
Decimal	6835814
CIE _{Lab}	36.65, 15.46, -9.69
CIE _{LCh}	37, 18.252, 327.919
Yxy	9.3511, 0.3187, 0.2751
Android (android.graphics.Color)	4285025894 (0xFF684E66)
YUV	88.5100, 6.6506, 13.5847
Hunter-Lab	30.5796, 9.7119, -5.3593

Details

The Hex color **684E66** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4E6850**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9B7F99**, and **382137** is the 20% darker color. If you saturate the color by 10%, you get **684465**, and if you desaturate by 10%, it is **685867**.

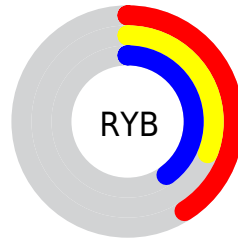
Distribution



Red (41%)

Green (31%)

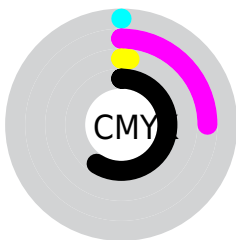
Blue (40%)



Red (41%)

Yellow (31%)

Blue (40%)

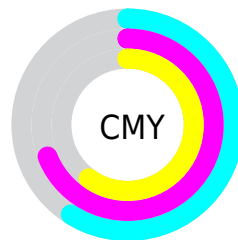


Cyan (0%)

Magenta (25%)

Yellow (2%)

Black (59%)



Cyan (59%)

Magenta (69%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684E66 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 684E66 by changing the saturation by 10% instead.

684E66

684E66

FFFFFF

50374E

9B7F99

382137

B699B4

230C22

D2B4CF

00000A

EFD0EC

000000

FFECFF

684E66

684E66

684465

685867

683964

686368

682F64

686D68

682463

687869

681A62

68826A

681061

688C6B

680560

68976C

680060

68A16C

68AC6D

Harmonies

Analogous

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



575370



684E66



724B58

Triad

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



684E66



625539



275E63

Complementary

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



684E66



4E6850

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.



315E55



684E66



52593C

Square

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



684E66



6D503E



415D46



2E5C6F

Rectangle

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



684E66



744C4E



415D46



295E5F

Sweetspot

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



684E66



877C86



504E68



453E44



C4C4C4



454545

Same Dimension

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



684E66



875F84



684E59



332E33



73006A



F200E0

Inverse Universe

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



684E66



875F84



4E685D



332E33



73006A



F200E0

Previews

White Background



This preview shows how the Hex color 684E66 looks on a white background.

Color Contrast Check

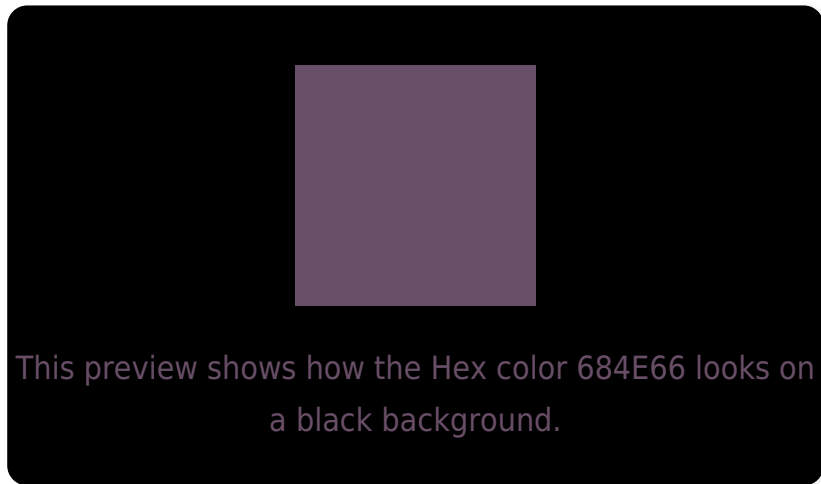
Large Text (above 18pt) WCAG AA ✓ Pass

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

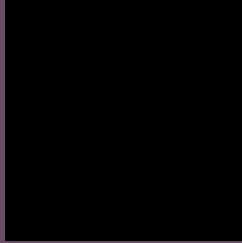
Any Text WCAG AA × Fail

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 684E66 Background



This preview shows how black text looks on a background with the Hex color 684E66.



This preview shows how white text looks on a background with the Hex color 684E66.

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
684E66

Protanopia
51566B

Deuteranopia
585465



Tritanopia
665157

Trichromacy



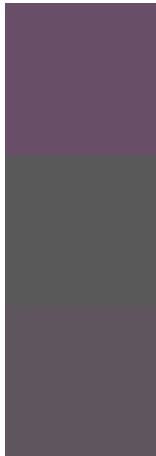
Original Color
684E66

Protanomaly
595369

Deuteranomaly
5E5265

Tritanomaly
67505C

Monochromacy



Original Color
684E66

Achromatopsia
595959

Achromatomaly
5E555E

CSS Examples

Text

The CSS property to change the color of the text to Hex 684E66 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 #684E66 looks like.

```
.text, #text, p{  
    color:#684E66  
}
```

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 #684E66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684E66
}
```

Border

The CSS property to change the border of an element to Hex 684E66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

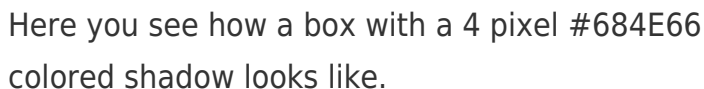
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684E66 }
```

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

```
.border{ border-color:#684E66 }
```

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



Here you see how a box with a 4 pixel #684E66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684E66; -webkit-box-shadow:4px 4px  
4px 4px #684E66; box-shadow:4px 4px 4px  
4px #684E66 }
```

Background

The CSS property to change the background color of an element to Hex 684E66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684E66 }
```

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

```
.background{ background-color:#684E66 }
```

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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