

Converting Colors

Hex(687F5B)

Have a look what the booklet for
Hex(687F5B) contains.

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Color

Hex(687F5B)

Conversions

Conversions Part 1

Format	Color
Hex	687F5B
RGB	104, 127, 91
RGB Percent	41%, 50%, 36%
CMY	0.5922, 0.5020, 0.6431
CMYK	0.18, 0.00, 0.28, 0.50
HSL	98°, 17%, 43%
HSV	98°, 28%, 50%
XYZ	15.1866, 18.8771, 12.7408
YIQ	116.0190, -2.1520, -16.0720

Conversions

Conversions Part 2

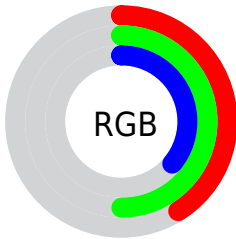
Format	Color
R_{YB}	91, 127, 114
Decimal	6848347
CIE _{Lab}	50.54, -15.51, 16.91
CIE _{LCh}	51, 22.941, 132.527
Yxy	18.8771, 0.3245, 0.4033
Android (android.graphics.Color)	4285038427 (0xFF687F5B)
YUV	116.0190, -12.3344, -10.5407
Hunter-Lab	43.4478, -13.6413, 13.0271

Details

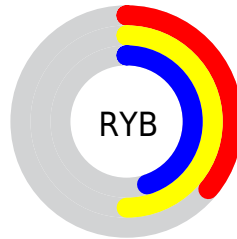
The Hex color **687F5B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **725B7F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **9CB48D**, and **384E2D** is the 20% darker color. If you saturate the color by 10%, you get **607F4E**, and if you desaturate by 10%, it is **707F68**.

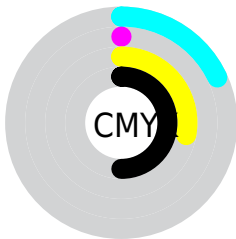
Distribution



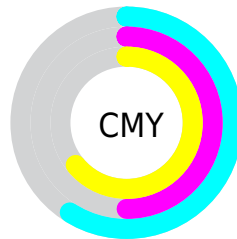
- Red (41%)
- Green (50%)
- Blue (36%)



- Red (36%)
- Yellow (50%)
- Blue (45%)



- Cyan (18%)
- Magenta (0%)
- Yellow (28%)
- Black (50%)



- Cyan (59%)
- Magenta (50%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 687F5B 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 687F5B by changing the saturation by 10% instead.

 687F5B

 687F5B

FFFFFF

 506643

 9CB48D

 384E2D

 B7CFA8

 223718

 D2ECC3

 0F2100

 EFFFDF

 000400

 FFFFFC

 000000

 687F5B

 687F5B

 607F4E

 707F68

 587F42

 787F74

■ 507F35

■ 807F81

■ 487F28

■ 887F8E

■ 3F7F1B

■ 917F9B

■ 377F0F

■ 997FA7

■ 2F7F02

■ A17FB4

■ 2E7F00

■ A97FC1

■ B17FCD

Harmonies

Analogous

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



7E7A52



687F5B



51826C

Triad

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



687F5B



4F7E9D



9F6A71

Complementary

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



687F5B



725B7F

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.



986B85



687F5B



6B779E

Square

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



687F5B



3C8292



857095



9C6D5F

Rectangle

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



687F5B



448379



857095



9E6A77

Sweetspot

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



687F5B



9CA697



7F725B



4E544B



D4D4D4



545454

Same Dimension

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



687F5B



82A66D



5B7F60



3C4039



2E8000



000000

Inverse Universe

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



725B7F



916DA6



7F5B7A



3D3940



510080



000000

Previews

White Background



This preview shows how the Hex color 687F5B looks on a white background.

Color Contrast Check

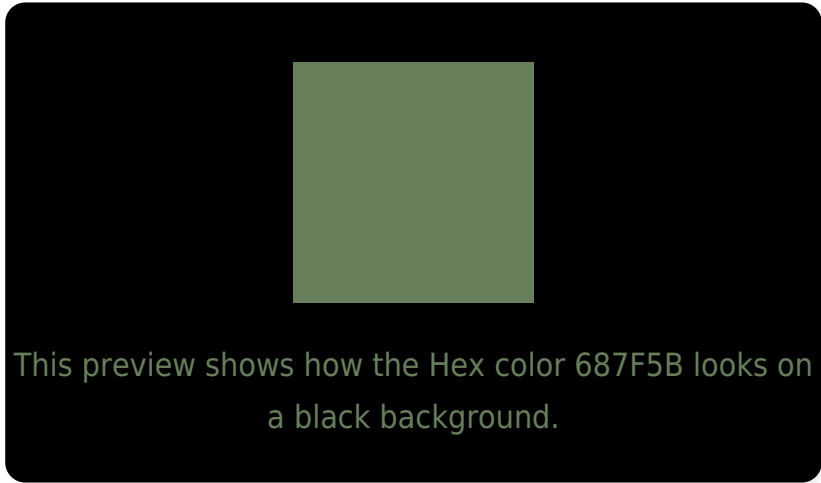
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

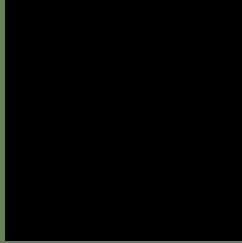
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 687F5B Background



This preview shows how black text looks on a background with the Hex color 687F5B.



This preview shows how white text looks on a background with the Hex color 687F5B.

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](#).

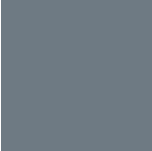
Dichromacy



Original Color
687F5B

Protanopia
817858

Deuteranopia
8D735E



Tritanopia
6E7A83

Trichromacy



Original Color
687F5B

Protanomaly
787B59

Deuteranomaly
80775D

Tritanomaly
6C7C74

Monochromacy



Original Color
687F5B

Achromatopsia
747474

Achromatomaly
70786B

CSS Examples

Text

The CSS property to change the color of the text to Hex 687F5B 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 #687F5B looks like.

```
.text, #text, p{  
    color:#687F5B  
}
```

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 #687F5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #687F5B
}
```

Border

The CSS property to change the border of an element to Hex 687F5B 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
#687F5B }
```

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

```
.border{ border-color:#687F5B }
```

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

Here you see how a box with a 4 pixel #687F5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #687F5B; -webkit-box-shadow:4px 4px  
4px 4px #687F5B; box-shadow:4px 4px 4px  
4px #687F5B }
```

Background

The CSS property to change the background color of an element to Hex 687F5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#687F5B }
```

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

```
.background{ background-color:#687F5B }
```

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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