

Converting Colors

Hex(687E60)

Have a look what the booklet for
Hex(687E60) contains.

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Color

Hex(687E60)

Conversions

Conversions Part 1

Format	Color
Hex	687E60
RGB	104, 126, 96
RGB Percent	41%, 49%, 38%
CMY	0.5922, 0.5059, 0.6235
CMYK	0.17, 0.00, 0.24, 0.51
HSL	104°, 14%, 44%
HSV	104°, 24%, 49%
XYZ	15.2811, 18.7093, 13.8722
YIQ	116.0020, -3.4820, -13.9940

Conversions

Conversions Part 2

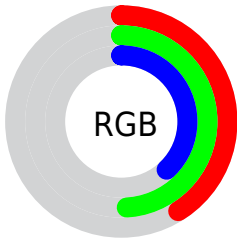
Format	Color
R_{YB}	96, 126, 118
Decimal	6848096
CIE _{Lab}	50.35, -14.09, 13.75
CIE _{LCh}	50, 19.690, 135.702
Yxy	18.7093, 0.3193, 0.3909
Android (android.graphics.Color)	4285038176 (0xFF687E60)
YUV	116.0020, -9.8610, -10.5258
Hunter-Lab	43.2542, -12.6335, 11.2629

Details

The Hex color **687E60** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **76607E**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **9BB393**, and **384D32** is the 20% darker color. If you saturate the color by 10%, you get **5F7E53**, and if you desaturate by 10%, it is **717E6D**.

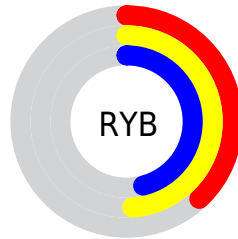
Distribution



Red (41%)

Green (49%)

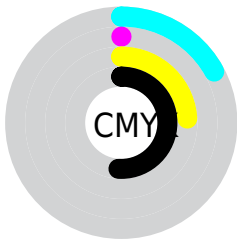
Blue (38%)



Red (38%)

Yellow (49%)

Blue (46%)

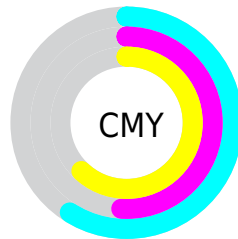


Cyan (17%)

Magenta (0%)

Yellow (24%)

Black (51%)



Cyan (59%)

Magenta (51%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 687E60 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 687E60 by changing the saturation by 10% instead.

687E60

687E60

FFFFFF

506548

9BB393

384D32

B6CEAD

22361C

D2EAC9

0F2103

EFFFE5

000200

000000

687E60

687E60

5F7E53

717E6D

567E47

7A7E79

■ 4C7E3A

■ 847E86

■ 437E2E

■ 8D7E92

■ 3A7E21

■ 967E9F

■ 317E14

■ 9F7EAC

■ 277E08

■ A97EB8

■ 227E00

■ B27EC5

■ BB7ED1

Harmonies

Analogous

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



7B7A57



687E60



55816F

Triad

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



687E60



587C98



9A6C6F

Complementary

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



687E60



76607E

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.



946C81



687E60



707698

Square

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



687E60



48808F



85718F



976F61

Rectangle

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



687E60



4B817B



85718F



996C75

Sweetspot

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



687E60



9BA398



7E7660



4D524B



D1D1D1



525252

Same Dimension

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



687E60



80A374



607E67



3B4039



228000



000000

Inverse Universe

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



76607E



9774A3



7E6077



3E3940



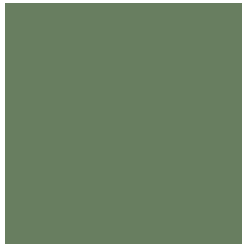
5E0080



000000

Previews

White Background



This preview shows how the Hex color 687E60 looks on a white background.

Color Contrast Check

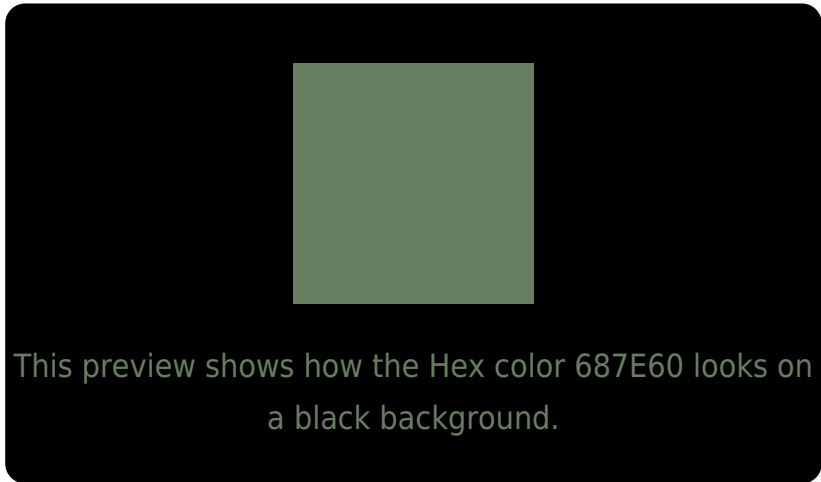
Large Text (above 18pt) WCAG AA ✓ Pass

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

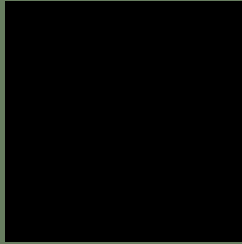
Any Text WCAG AA ✓ Pass

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 687E60 Background



This preview shows how black text looks on a background with the Hex color 687E60.



This preview shows how white text looks on a background with the Hex color 687E60.

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
687E60

Protanopia
7F775D

Deuteranopia
8A7362



Tritanopia
6E7983

Trichromacy



Original Color
687E60

Protanomaly
777A5E

Deuteranomaly
7E7761

Tritanomaly
6C7B76

Monochromacy



Original Color
687E60

Achromatopsia
747474

Achromatomaly
70786D

CSS Examples

Text

The CSS property to change the color of the text to Hex 687E60 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 #687E60 looks like.

```
.text, #text, p{  
    color:#687E60  
}
```

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 #687E60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #687E60
}
```

Border

The CSS property to change the border of an element to Hex 687E60 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
#687E60 }
```

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

```
.border{ border-color:#687E60 }
```

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

Here you see how a box with a 4 pixel #687E60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #687E60; -webkit-box-shadow:4px 4px  
4px 4px #687E60; box-shadow:4px 4px 4px  
4px #687E60 }
```

Background

The CSS property to change the background color of an element to Hex 687E60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#687E60 }
```

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

```
.background{ background-color:#687E60 }
```

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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