

Converting Colors

Hex(657F62)

Have a look what the booklet for
Hex(657F62) contains.

Hex(657F62)	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(657F62)

Conversions

Conversions Part 1

Format	Color
Hex	657F62
RGB	101, 127, 98
RGB Percent	40%, 50%, 38%
CMY	0.6039, 0.5020, 0.6157
CMYK	0.20, 0.00, 0.23, 0.50
HSL	114°, 13%, 44%
HSV	114°, 23%, 50%
XYZ	15.1608, 18.8273, 14.3902
YIQ	115.9200, -6.1870, -14.5310

Conversions

Conversions Part 2

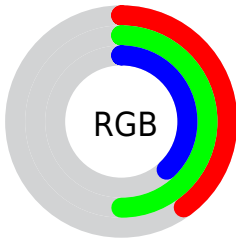
Format	Color
R_{YB}	98, 127, 124
Decimal	6651746
CIE _{Lab}	50.48, -15.41, 12.75
CIE _{LCh}	50, 20.001, 140.383
Yxy	18.8273, 0.3134, 0.3892
Android (android.graphics.Color)	4284841826 (0xFF657F62)
YUV	115.9200, -8.8346, -13.0848
Hunter-Lab	43.3904, -13.5646, 10.7100

Details

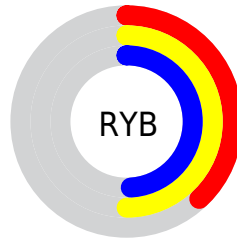
The Hex color **657F62** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7C627F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **98B495**, and **354E33** is the 20% darker color. If you saturate the color by 10%, you get **5A7F55**, and if you desaturate by 10%, it is **707F6F**.

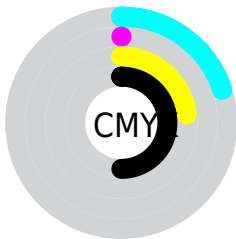
Distribution



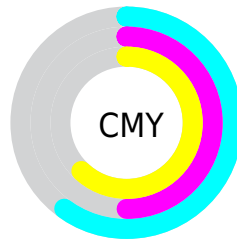
- Red (40%)
- Green (50%)
- Blue (38%)



- Red (38%)
- Yellow (50%)
- Blue (49%)



- Cyan (20%)
- Magenta (0%)
- Yellow (23%)
- Black (50%)



- Cyan (60%)
- Magenta (50%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 657F62 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 657F62 by changing the saturation by 10% instead.

657F62

657F62

FFFFFF

4D664A

98B495

354E33

B3CFAF

1F371E

CFECCB

0B2106

EBFFE7

000300

000000

657F62

657F62

5A7F55

707F6F

4E7F49

7C7F7B

 437F3C

 877F88

 377F2F

 937F95

 2C7F23

 9E7FA2

 217F16

 A97FAE

 157F09

 B57FBB

 0D7F00

 C07FC8

 CB7FD4

Harmonies

Analogous

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



787B58



657F62



528172

Triad

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



657F62



5C7B99



9B6C6D

Complementary

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



657F62



7C627F

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.



966C7E



657F62



737698

Square

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



657F62



498092



89708E



96705F

Rectangle

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



657F62



49827E



89708E



9A6C73

Sweetspot

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



657F62



9BA69A



7F7C62



4E544D



D4D4D4



545454

Same Dimension

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



657F62



7EA679



627F6D



3A4039



0D8000



000000

Inverse Universe

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



7C627F



A179A6



7F6274



3F3940



720080



000000

Previews

White Background



This preview shows how the Hex color 657F62 looks on a white background.

Color Contrast Check

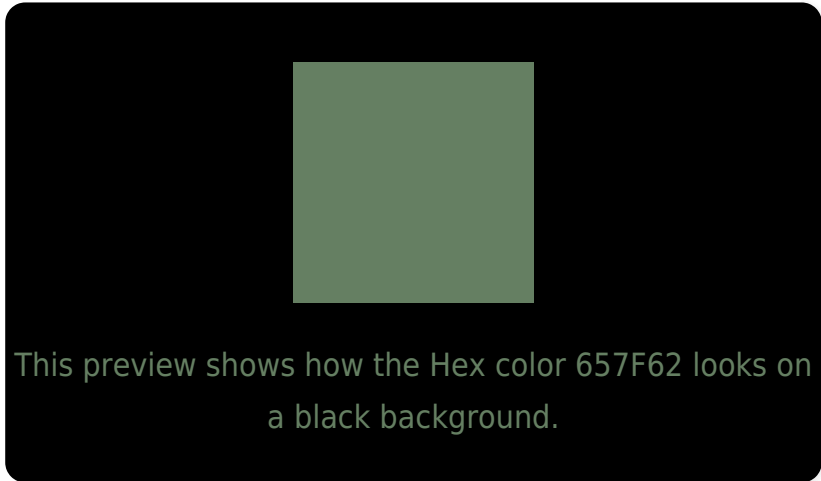
Large Text (above 18pt) WCAG AA ✓ Pass

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

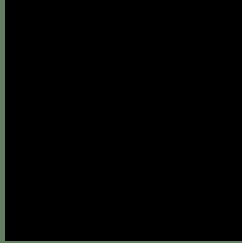
Any Text WCAG AA ✓ Pass

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 657F62 Background



This preview shows how black text looks on a background with the Hex color 657F62.



This preview shows how white text looks on a background with the Hex color 657F62.

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](#).

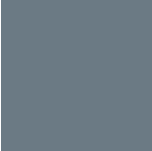
Dichromacy



Original Color
657F62

Protanopia
80785F

Deuteranopia
8A7364



Tritanopia
6B7A84

Trichromacy



Original Color
657F62

Protanomaly
767B60

Deuteranomaly
7D7763

Tritanomaly
697C78

Monochromacy



Original Color
657F62

Achromatopsia
747474

Achromatomaly
6F786D

CSS Examples

Text

The CSS property to change the color of the text to Hex 657F62 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 #657F62 looks like.

```
.text, #text, p{  
    color:#657F62  
}
```

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 #657F62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #657F62
}
```

Border

The CSS property to change the border of an element to Hex 657F62 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
#657F62 }
```

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

```
.border{ border-color:#657F62 }
```

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

Here you see how a box with a 4 pixel #657F62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #657F62; -webkit-box-shadow:4px 4px  
4px 4px #657F62; box-shadow:4px 4px 4px  
4px #657F62 }
```

Background

The CSS property to change the background color of an element to Hex 657F62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#657F62 }
```

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

```
.background{ background-color:#657F62 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor