

Converting Colors

Hex(647F63)

Have a look what the booklet for
Hex(647F63) contains.

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Color

Hex(647F63)

Conversions

Conversions Part 1

Format	Color
Hex	647F63
RGB	100, 127, 99
RGB Percent	39%, 50%, 39%
CMY	0.6078, 0.5020, 0.6118
CMYK	0.21, 0.00, 0.22, 0.50
HSL	118°, 12%, 44%
HSV	118°, 22%, 50%
XYZ	15.0970, 18.7889, 14.6353
YIQ	115.7350, -7.1040, -14.4320

Conversions

Conversions Part 2

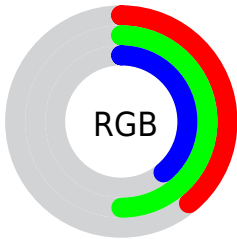
Format	Color
R_{YB}	99, 127, 126
Decimal	6586211
CIE _{Lab}	50.44, -15.59, 12.10
CIE _{LCh}	50, 19.738, 142.188
Yxy	18.7889, 0.3111, 0.3872
Android (android.graphics.Color)	4284776291 (0xFF647F63)
YUV	115.7350, -8.2504, -13.7996
Hunter-Lab	43.3462, -13.6861, 10.3238

Details

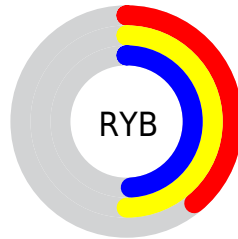
The Hex color **647F63** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7E637F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **97B496**, and **354E34** is the 20% darker color. If you saturate the color by 10%, you get **587F56**, and if you desaturate by 10%, it is **707F70**.

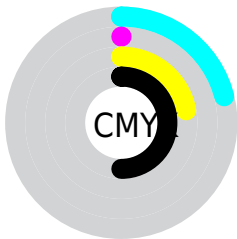
Distribution



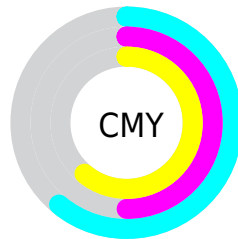
- Red (39%)
- Green (50%)
- Blue (39%)



- Red (39%)
- Yellow (50%)
- Blue (49%)



- Cyan (21%)
- Magenta (0%)
- Yellow (22%)
- Black (50%)



- Cyan (61%)
- Magenta (50%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647F63 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 647F63 by changing the saturation by 10% instead.

 647F63

 647F63

FFFFFF

 4C664B

 97B496

 354E34

 B2CFB1

 1E371F

 CEECCC

 0A2108

 EAF FE8

 000300

 000000

 647F63

 647F63

 587F56

 707F70

 4C7F4A

 7C7F7C

■ 3F7F3D

■ 897F89

■ 337F30

■ 957F96

■ 277F23

■ A17FA3

■ 1B7F17

■ AD7FAF

■ 0E7F0A

■ BA7FBC

■ 057F00

■ C67FC9

■ D27FD5

Harmonies

Analogous

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



777B59



647F63



528173

Triad

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



647F63



5D7B99



9A6C6C

Complementary

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



647F63



7E637F

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.



976C7D



647F63



757597

Square

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



647F63



4B7F92



89708D



95705E

Rectangle

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



647F63



49827F



89708D



9A6C72

Sweetspot

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



647F63



9BA69A



7F7E63



4E544D



D4D4D4



545454

Same Dimension

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



647F63



7CA67B



637F70



3A4039



058000



000000

Inverse Universe

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



7E637F



A47BA6



7F6372



403940



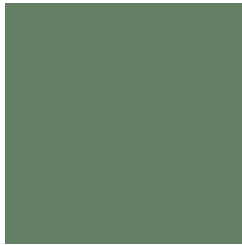
7B0080



000000

Previews

White Background



This preview shows how the Hex color 647F63 looks on a white background.

Color Contrast Check

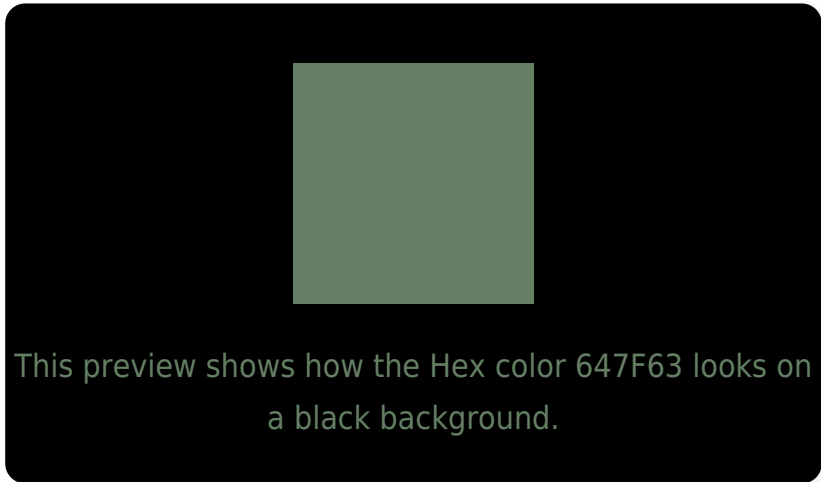
Large Text (above 18pt) WCAG AA ✓ Pass

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

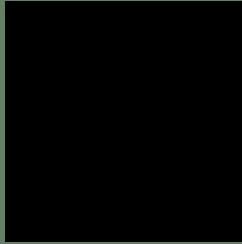
Any Text WCAG AA ✓ Pass

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 647F63 Background



This preview shows how black text looks on a background with the Hex color 647F63.

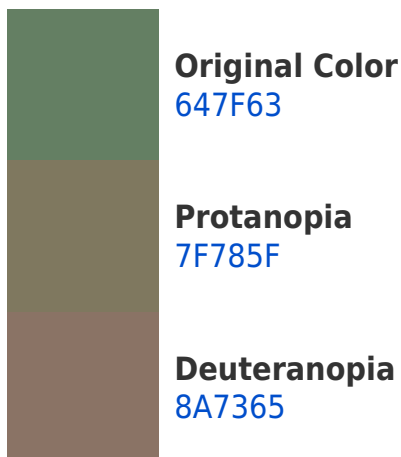


This preview shows how white text looks on a background with the Hex color 647F63.

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





Tritanopia
6A7B84

Trichromacy



Original Color
647F63

Protanomaly
757B60

Deuteranomaly
7C7764

Tritanomaly
687C78

Monochromacy



Original Color
647F63

Achromatopsia
747474

Achromatomaly
6E786E

CSS Examples

Text

The CSS property to change the color of the text to Hex 647F63 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 #647F63 looks like.

```
.text, #text, p{  
    color:#647F63  
}
```

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 #647F63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647F63
}
```

Border

The CSS property to change the border of an element to Hex 647F63 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
#647F63 }
```

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

```
.border{ border-color:#647F63 }
```

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

Here you see how a box with a 4 pixel #647F63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647F63; -webkit-box-shadow:4px 4px  
4px 4px #647F63; box-shadow:4px 4px 4px  
4px #647F63 }
```

Background

The CSS property to change the background color of an element to Hex 647F63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647F63 }
```

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

```
.background{ background-color:#647F63 }
```

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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