

Converting Colors

Hex(667A50)

Have a look what the booklet for
Hex(667A50) contains.

Hex(667A50)	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(667A50)

Conversions

Conversions Part 1

Format	Color
Hex	667A50
RGB	102, 122, 80
RGB Percent	40%, 48%, 31%
CMY	0.6000, 0.5216, 0.6863
CMYK	0.16, 0.00, 0.34, 0.52
HSL	89°, 21%, 40%
HSV	89°, 34%, 48%
XYZ	13.8870, 17.3230, 10.2012
YIQ	111.2320, 1.5620, -17.3020

Conversions

Conversions Part 2

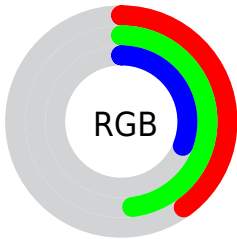
Format	Color
RYB	80, 122, 100
Decimal	6715984
CIELab	48.66, -15.38, 20.65
CIElCh	49, 25.752, 126.674
Yxy	17.3230, 0.3353, 0.4183
Android (android.graphics.Color)	4284906064 (0xFF667A50)
YUV	111.2320, -15.3974, -8.0965
Hunter-Lab	41.6210, -13.2794, 14.6029

Details

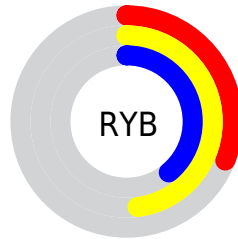
The Hex color **667A50** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **64507A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9AAE82**, and **364923** is the 20% darker color. If you saturate the color by 10%, you get **607A44**, and if you desaturate by 10%, it is **6C7A5C**.

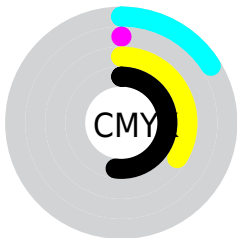
Distribution



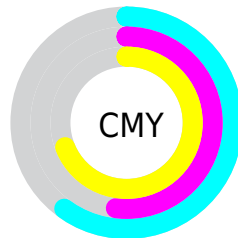
- Red (40%)
- Green (48%)
- Blue (31%)



- Red (31%)
- Yellow (48%)
- Blue (39%)



- Cyan (16%)
- Magenta (0%)
- Yellow (34%)
- Black (52%)



- Cyan (60%)
- Magenta (52%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 667A50 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 667A50 by changing the saturation by 10% instead.



667A50



667A50

FFFFFF



4E6139



9AAE82



364923



B5CA9C



20330D



D0E6B7



091E00



EDFFD2



000000



FFFFEF



667A50



667A50



607A44



6C7A5C



5A7A38



727A68

■ 557A2B

■ 777A75

■ 4F7A1F

■ 7D7A81

■ 497A13

■ 837A8D

■ 437A07

■ 897A99

■ 407A00

■ 8F7AA5

■ 947AB2

■ 9A7ABE

Harmonies

Analogous

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



7E7448



667A50



4C7E62

Triad

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



667A50



3B7A9B



9E636F

Complementary

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



667A50



64507A

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.



936585



667A50



5D749F

Square

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



667A50



257E8D



7D6C97



9C665B

Rectangle

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



667A50



3A7F70



7D6C97



9C6377

Sweetspot

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



667A50



979E8E



7A6450



4B4F46



CFCFCF



4F4F4F

Same Dimension

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



667A50



7F9E5D



517A50



3A3D37



417D00



84FC00

Inverse Universe

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



64507A



7C5D9E



79507A



3A373D



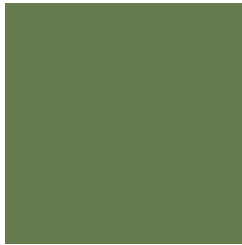
3B007D



7800FC

Previews

White Background



This preview shows how the Hex color 667A50 looks on a white background.

Color Contrast Check

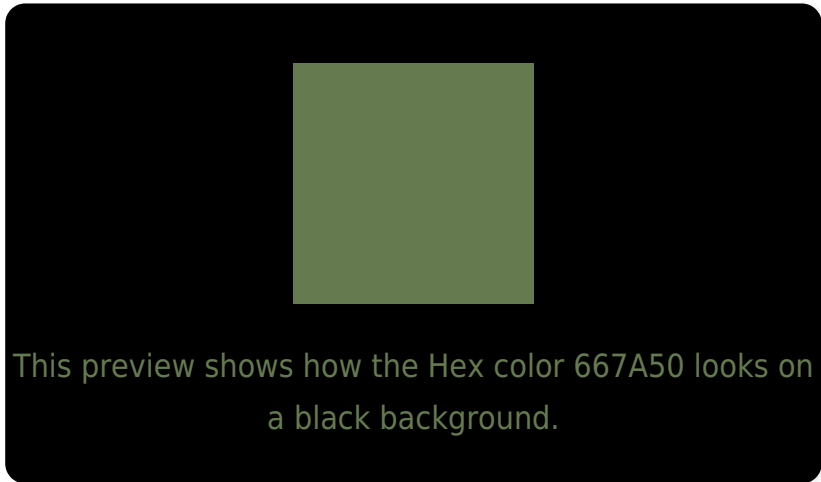
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

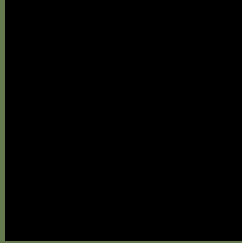
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 667A50 Background



This preview shows how black text looks on a background with the Hex color 667A50.



This preview shows how white text looks on a background with the Hex color 667A50.

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
667A50

Protanopia
7D734D

Deuteranopia
896E53

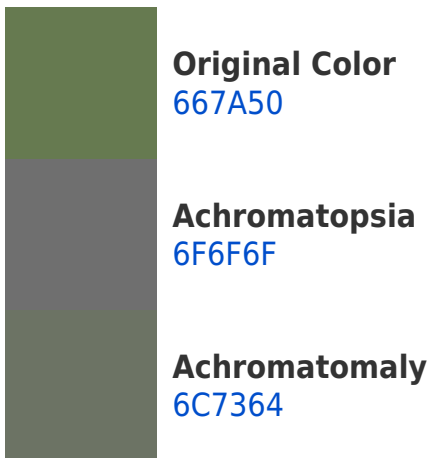


Tritanopia
6D747E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 667A50 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 #667A50 looks like.

```
.text, #text, p{  
    color:#667A50  
}
```

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 #667A50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #667A50
}
```

Border

The CSS property to change the border of an element to Hex 667A50 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
#667A50 }
```

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

```
.border{ border-color:#667A50 }
```

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

Here you see how a box with a 4 pixel #667A50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #667A50; -webkit-box-shadow:4px 4px  
4px 4px #667A50; box-shadow:4px 4px 4px  
4px #667A50 }
```

Background

The CSS property to change the background color of an element to Hex 667A50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#667A50 }
```

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

```
.background{ background-color:#667A50 }
```

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