

Converting Colors

Hex(667747)

Have a look what the booklet for
Hex(667747) contains.

Hex(667747)	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(667747)

Conversions

Conversions Part 1

Format	Color
Hex	667747
RGB	102, 119, 71
RGB Percent	40%, 47%, 28%
CMY	0.6000, 0.5333, 0.7216
CMYK	0.14, 0.00, 0.40, 0.53
HSL	81°, 25%, 37%
HSV	81°, 40%, 47%
XYZ	13.2136, 16.4734, 8.4445
YIQ	108.4450, 5.2760, -18.5320

Conversions

Conversions Part 2

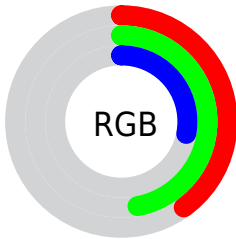
Format	Color
RYB	71, 119, 88
Decimal	6715207
CIELab	47.59, -15.07, 24.35
CIElCh	48, 28.635, 121.763
Yxy	16.4734, 0.3465, 0.4320
Android (android.graphics.Color)	4284905287 (0xFF667747)
YUV	108.4450, -18.4604, -5.6523
Hunter-Lab	40.5874, -12.9154, 16.0755

Details

The Hex color **667747** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **584777**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9AAB78**, and **36471A** is the 20% darker color. If you saturate the color by 10%, you get **62773B**, and if you desaturate by 10%, it is **6A7753**.

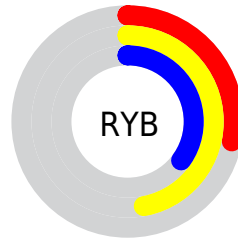
Distribution



Red (40%)

Green (47%)

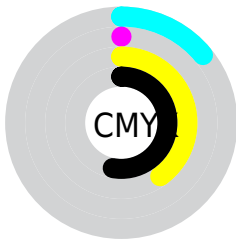
Blue (28%)



Red (28%)

Yellow (47%)

Blue (35%)

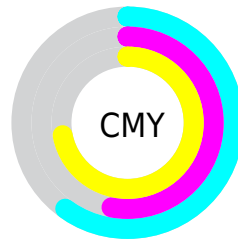


Cyan (14%)

Magenta (0%)

Yellow (40%)

Black (53%)



Cyan (60%)

Magenta (53%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 667747 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 667747 by changing the saturation by 10% instead.



667747



667747

FFFFFF



4D5E30



9AAB78



36471A



B5C792



203001



D1E3AD



031C00



EDFFC8



000000



FFFFE4



667747



667747



62773B



6A7753



5E772F



6E775F

■ 597723

■ 73776B

■ 557717

■ 777777

■ 51770B

■ 7B7783

■ 4D7700

■ 7F778E

■ 84779A

■ 8877A6

■ 8C77B2

Harmonies

Analogous

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



7F7040



667747



497C59

Triad

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



667747



22799B



9E5E70

Complementary

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



667747



584777

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.



906288



667747



5073A1

Square

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



667747



007D89



756A9A



9F6059

Rectangle

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



667747



337D69



756A9A



9B5F79

Sweetspot

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



667747



959C89



775847



4B4F44



CFCFCF



4F4F4F

Same Dimension

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



667747



819C51



4E7747



393B35



4F7A00



A1FA00

Inverse Universe

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



584777



6B519C



704777



37353B



2B007A



5900FA

Previews

White Background



This preview shows how the Hex color 667747 looks on a white background.

Color Contrast Check

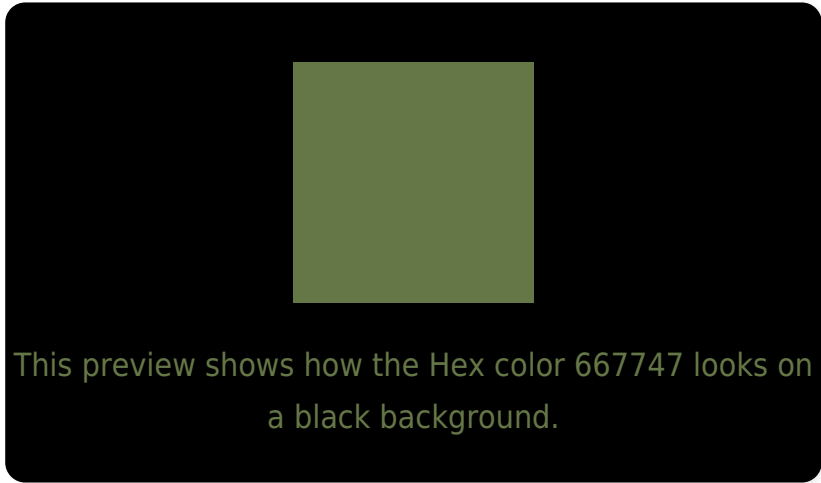
Large Text (above 18pt) WCAG AA ✓ Pass

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

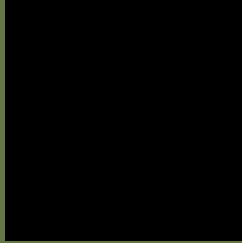
Any Text WCAG AA × Fail

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 667747 Background



This preview shows how black text looks on a background with the Hex color 667747.



This preview shows how white text looks on a background with the Hex color 667747.

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
667747

Protanopia
7B7145

Deuteranopia
876C4A



Tritanopia
6D717A

Trichromacy



Original Color
667747

Protanomaly
737346

Deuteranomaly
7B7049

Tritanomaly
6A7367

Monochromacy



Original Color
667747

Achromatopsia
6C6C6C

Achromatomaly
6A705F

CSS Examples

Text

The CSS property to change the color of the text to Hex 667747 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 #667747 looks like.

```
.text, #text, p{  
    color:#667747  
}
```

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 #667747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #667747
}
```

Border

The CSS property to change the border of an element to Hex 667747 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
#667747 }
```

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

```
.border{ border-color:#667747 }
```

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

Here you see how a box with a 4 pixel #667747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #667747; -webkit-box-shadow:4px 4px  
4px 4px #667747; box-shadow:4px 4px 4px  
4px #667747 }
```

Background

The CSS property to change the background color of an element to Hex 667747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#667747 }
```

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

```
.background{ background-color:#667747 }
```

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