

Converting Colors

Hex(67AF61)

Have a look what the booklet for
Hex(67AF61) contains.

Hex(67AF61)	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(67AF61)

Conversions

Conversions Part 1

Format	Color
Hex	67AF61
RGB	103, 175, 97
RGB Percent	40%, 69%, 38%
CMY	0.5961, 0.3137, 0.6196
CMYK	0.41, 0.00, 0.45, 0.31
HSL	115°, 33%, 53%
HSV	115°, 45%, 69%
XYZ	23.0812, 34.4066, 16.7339
YIQ	144.5800, -17.8740, -39.5220

Conversions

Conversions Part 2

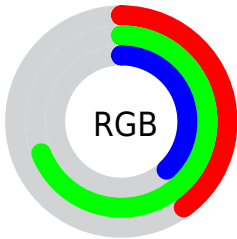
Format	Color
RYB	97, 175, 169
Decimal	6795105
CIELab	65.28, -38.42, 33.02
CIELCh	65, 50.656, 139.325
Yxy	34.4066, 0.3110, 0.4636
Android (android.graphics.Color)	4284985185 (0xFF67AF61)
YUV	144.5800, -23.4569, -36.4657
Hunter-Lab	58.6571, -32.4115, 24.1455

Details

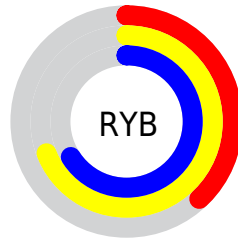
The Hex color **67AF61** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **A961AF**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **9DE795**, and **317A30** is the 20% darker color. If you saturate the color by 10%, you get **57AF50**, and if you desaturate by 10%, it is **77AF73**.

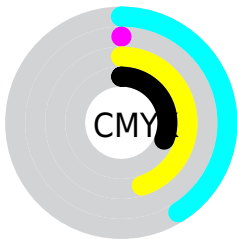
Distribution



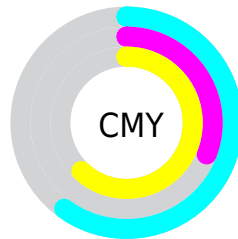
- Red (40%)
- Green (69%)
- Blue (38%)



- Red (38%)
- Yellow (69%)
- Blue (66%)



- Cyan (41%)
- Magenta (0%)
- Yellow (45%)
- Black (31%)



- Cyan (60%)
- Magenta (31%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67AF61 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 67AF61 by changing the saturation by 10% instead.



67AF61



67AF61

FFFFFF



4C9448



9DE795



317A30



B9FFB0



116018



D6FFCC



004800



F3FFE8



003100



001B00



000000



67AF61



67AF61



57AF50



77AF73

 47AF3E

 87AF84

 37AF2D

 97AF96

 26AF1B

 A8AFA7

 16AF09

 B8AFB9

 0DAF00

 C8AFCA

 D8AFDB

 E8AFED

 F8AFFE

Harmonies

Analogous

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



9CA545



67AF61



00B48C

Triad

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



67AF61



00A8F7



F37983

Complementary

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



67AF61



A961AF

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.



EA79B1



67AF61



8699F4

Square

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



67AF61



00B1E2



C687DA



E6855B

Rectangle

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



67AF61



00B5AC



C687DA



F37792

Sweetspot

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



67AF61



C8E3C5



AFA961



627360



F2F2F2



737373

Same Dimension

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



67AF61



74E36B



61AF82



4F574E



0C9600



021700

Inverse Universe

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



A961AF



DA6BE3



AF618E



564E57



8B0096



150017

Previews

White Background



This preview shows how the Hex color 67AF61 looks on a white background.

Color Contrast Check

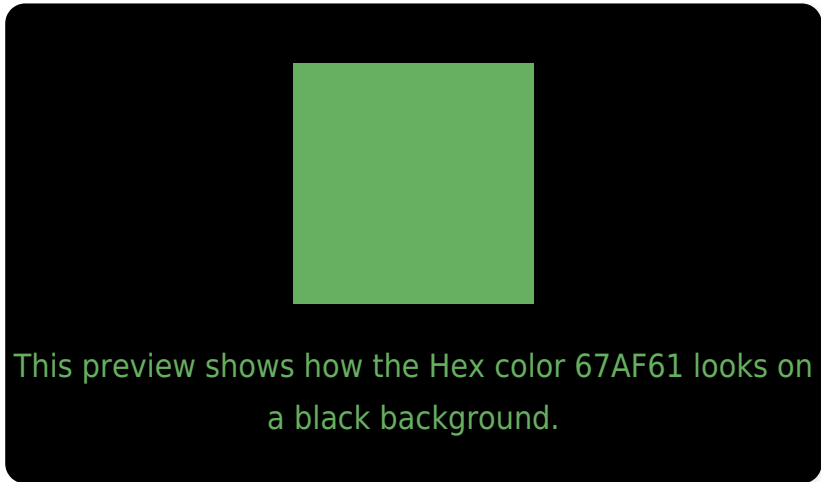
Large Text (above 18pt) WCAG AA × Fail

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

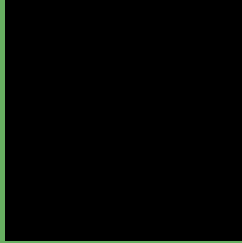
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 67AF61 Background



This preview shows how black text looks on a background with the Hex color 67AF61.

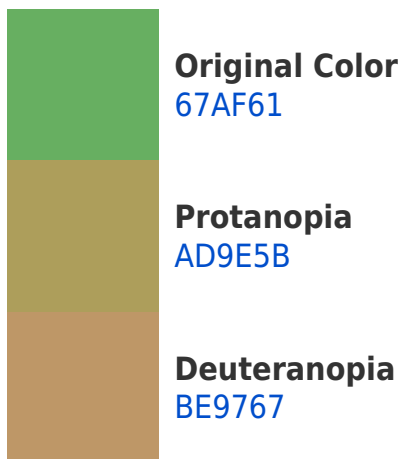


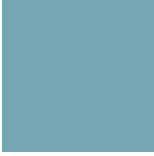
This preview shows how white text looks on a background with the Hex color 67AF61.

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](#).

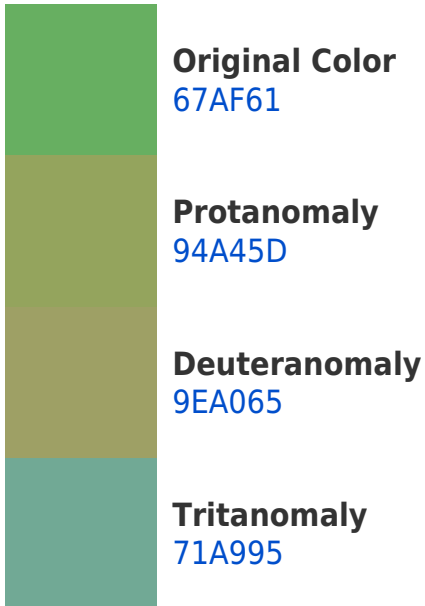
Dichromacy



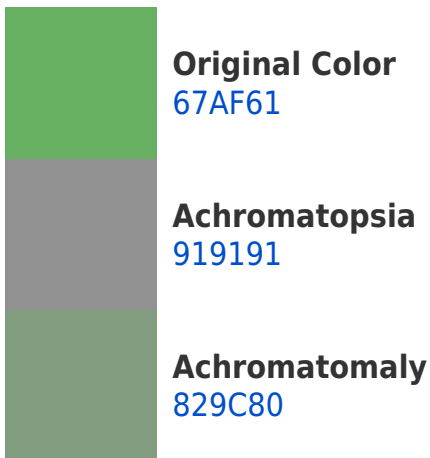


Tritanopia
77A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67AF61 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 #67AF61 looks like.

```
.text, #text, p{  
    color:#67AF61  
}
```

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 #67AF61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67AF61
}
```

Border

The CSS property to change the border of an element to Hex 67AF61 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
#67AF61 }
```

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

```
.border{ border-color:#67AF61 }
```

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

Here you see how a box with a 4 pixel #67AF61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67AF61; -webkit-box-shadow:4px 4px  
4px 4px #67AF61; box-shadow:4px 4px 4px  
4px #67AF61 }
```

Background

The CSS property to change the background color of an element to Hex 67AF61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67AF61 }
```

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

```
.background{ background-color:#67AF61 }
```

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