

Converting Colors

Hex(67B068)

Have a look what the booklet for
Hex(67B068) contains.

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Color

Hex(67B068)

Conversions

Conversions Part 1

Format	Color
Hex	67B068
RGB	103, 176, 104
RGB Percent	40%, 69%, 41%
CMY	0.5961, 0.3098, 0.5922
CMYK	0.41, 0.00, 0.41, 0.31
HSL	121°, 32%, 55%
HSV	121°, 41%, 69%
XYZ	23.6175, 34.9337, 18.5948
YIQ	145.9650, -20.3960, -37.8680

Conversions

Conversions Part 2

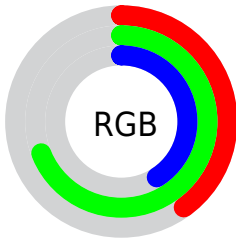
Format	Color
RYB	103, 175, 176
Decimal	6795368
CIELab	65.70, -37.80, 29.90
CIELCh	66, 48.193, 141.661
Yxy	34.9337, 0.3061, 0.4528
Android (android.graphics.Color)	4284985448 (0xFF67B068)
YUV	145.9650, -20.6887, -37.6803
Hunter-Lab	59.1047, -32.1069, 22.7202

Details

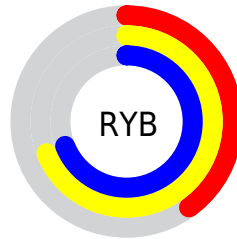
The Hex color **67B068** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B067AF**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **9DE89C**, and **317B37** is the 20% darker color. If you saturate the color by 10%, you get **55B057**, and if you desaturate by 10%, it is **79B079**.

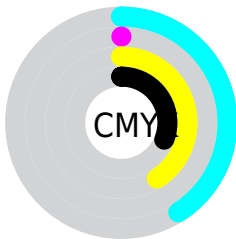
Distribution



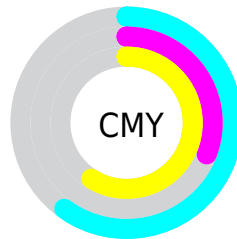
- Red (40%)
- Green (69%)
- Blue (41%)



- Red (40%)
- Yellow (69%)
- Blue (69%)



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



- Cyan (60%)
- Magenta (31%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67B068 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 67B068 by changing the saturation by 10% instead.



67B068



67B068

FFFFFF



4C954F



9DE89C



317B37



B9FFB7



126120



D6FFD3



004908



F3FFE7



003100



001C00



000000



67B068



67B068



55B057



79B079

 44B045

 8AB08B

 32B034

 9CB09C

 21B023

 ADB0AD

 0FB011

 BFB0BF

 00B002

 D1B0D0

 E2B0E2

 F4B0F3

 FFB0FF

Harmonies

Analogous

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



9AA74C



67B068



00B592

Triad

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



67B068



28A8F5



F17D82

Complementary

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



67B068



B067AF

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.



E97CAE



67B068



8F99F0

Square

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



67B068



00B1E2



C988D6



E2895D

Rectangle

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



67B068



00B6B0



C988D6



F17B90

Sweetspot

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



67B068



CAE6CA



B0B067



637363



F2F2F2



737373

Same Dimension

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



67B068



73E674



67B08B



505950



009902



001A00

Inverse Universe

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



B067AF



E673E4



B0678B



595059



990097



1A0019

Previews

White Background



This preview shows how the Hex color 67B068 looks on a white background.

Color Contrast Check

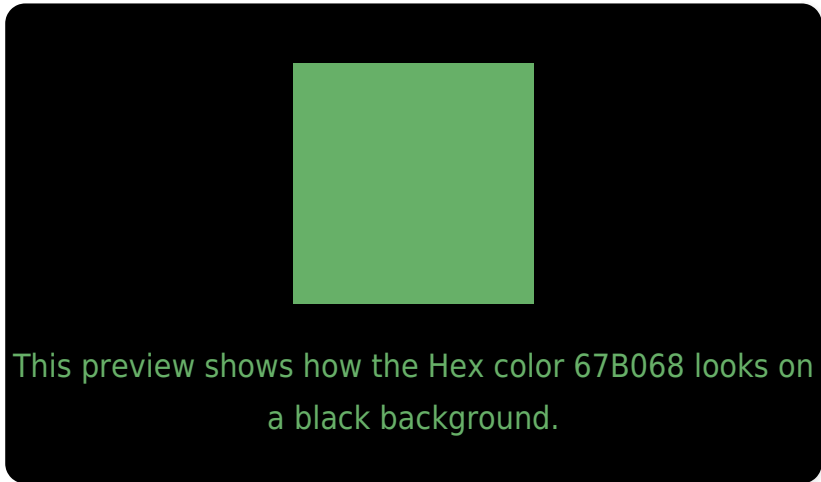
Large Text (above 18pt) WCAG AA × Fail

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

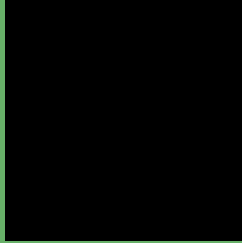
Any Text WCAG AA ✓ Pass

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 67B068 Background



This preview shows how black text looks on a background with the Hex color 67B068.

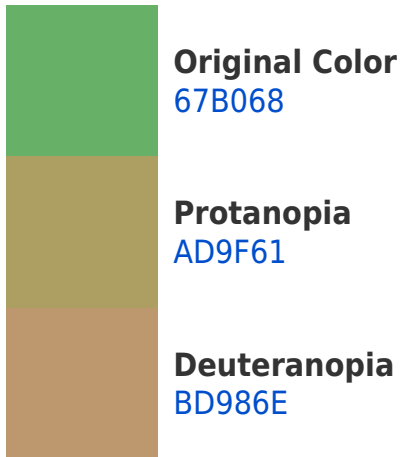


This preview shows how white text looks on a background with the Hex color 67B068.

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](#).

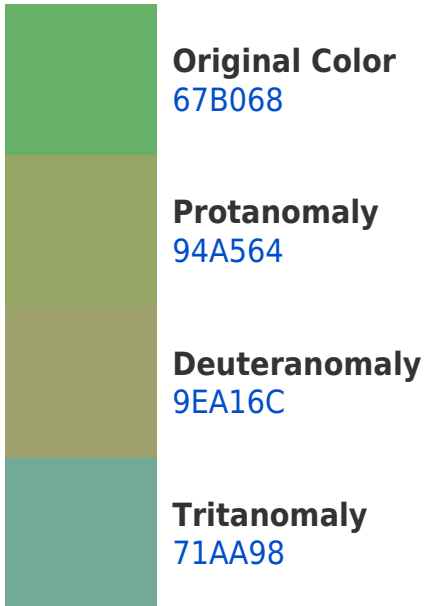
Dichromacy



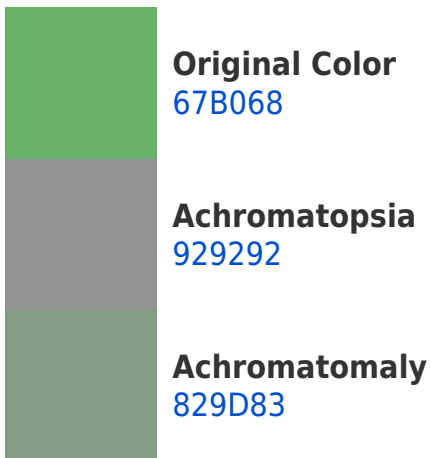


Tritanopia
76A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67B068 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 #67B068 looks like.

```
.text, #text, p{  
    color:#67B068  
}
```

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 #67B068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67B068
}
```

Border

The CSS property to change the border of an element to Hex 67B068 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
#67B068 }
```

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

```
.border{ border-color:#67B068 }
```

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

Here you see how a box with a 4 pixel #67B068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67B068; -webkit-box-shadow:4px 4px  
4px 4px #67B068; box-shadow:4px 4px 4px  
4px #67B068 }
```

Background

The CSS property to change the background color of an element to Hex 67B068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67B068 }
```

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

```
.background{ background-color:#67B068 }
```

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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