

Converting Colors

Hex(67B161)

Have a look what the booklet for
Hex(67B161) contains.

Hex(67B161)	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(67B161)

Conversions

Conversions Part 1

Format	Color
Hex	67B161
RGB	103, 177, 97
RGB Percent	40%, 69%, 38%
CMY	0.5961, 0.3059, 0.6196
CMYK	0.42, 0.00, 0.45, 0.31
HSL	115°, 34%, 54%
HSV	115°, 45%, 69%
XYZ	23.4733, 35.1909, 16.8646
YIQ	145.7540, -18.4240, -40.5680

Conversions

Conversions Part 2

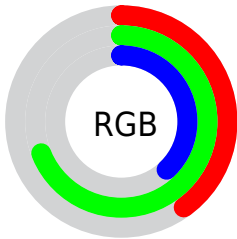
Format	Color
RYB	97, 177, 171
Decimal	6795617
CIELab	65.90, -39.30, 33.79
CIELCh	66, 51.835, 139.310
Yxy	35.1909, 0.3108, 0.4659
Android (android.graphics.Color)	4284985697 (0xFF67B161)
YUV	145.7540, -24.0357, -37.4953
Hunter-Lab	59.3219, -33.1820, 24.6698

Details

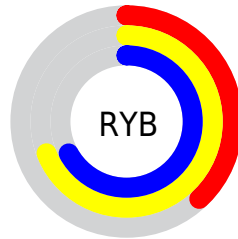
The Hex color **67B161** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **AB61B1**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **9EE995**, and **317C30** is the 20% darker color. If you saturate the color by 10%, you get **57B14F**, and if you desaturate by 10%, it is **77B173**.

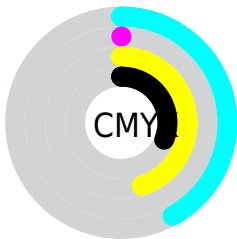
Distribution



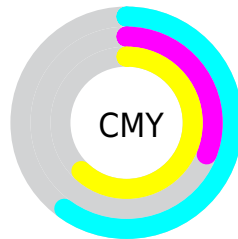
- Red (40%)
- Green (69%)
- Blue (38%)



- Red (38%)
- Yellow (69%)
- Blue (67%)



- Cyan (42%)
- Magenta (0%)
- Yellow (45%)
- Black (31%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 67B161 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 67B161 by changing the saturation by 10% instead.



67B161



67B161

FFFFFF



4C9648



9EE995



317C30



BAFFB0



106218



D6FFCC



004A00



F3FFE8



003200



001D00



000000



67B161



67B161



57B14F



77B173

 46B13E

 88B184

 36B12C

 98B196

 26B11A

 A8B1A8

 15B108

 B9B1BA

 0DB100

 C9B1CB

 DAB1DD

 EAB1EF

 FAB1FF

Harmonies

Analogous

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



9DA744



67B161



00B68D

Triad

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



67B161



00AAFB



F77984

Complementary

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



67B161



AB61B1

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.



ED7AB3



67B161



879AF8

Square

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



67B161



00B4E6



C988DD



E9865B

Rectangle

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



67B161



00B7AE



C988DD



F77893

Sweetspot

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



67B161



C8E6C5



B1AA61



61735F



F2F2F2



737373

Same Dimension

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



67B161



73E66A



61B182



515950



0B9900



021A00

Inverse Universe

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



AB61B1



DC6AE6



B16190



595059



8E0099



18001A

Previews

White Background



This preview shows how the Hex color 67B161 looks on a white background.

Color Contrast Check

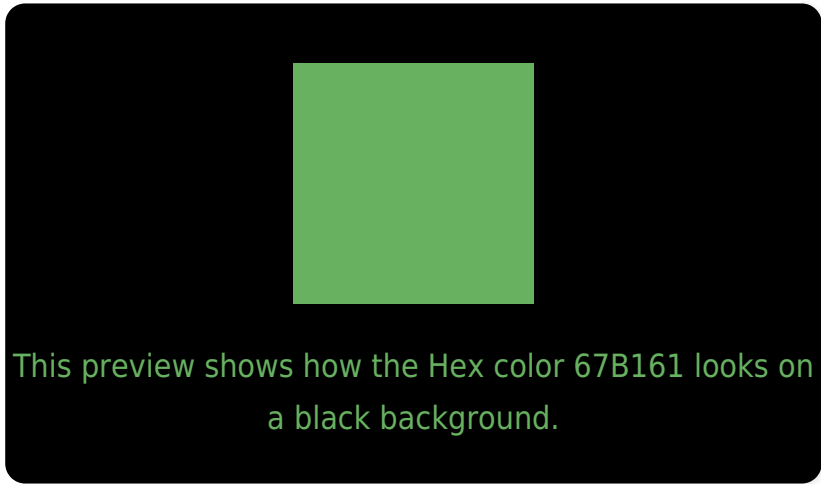
Large Text (above 18pt) WCAG AA × Fail

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 67B161 Background



This preview shows how black text looks on a background with the Hex color 67B161.

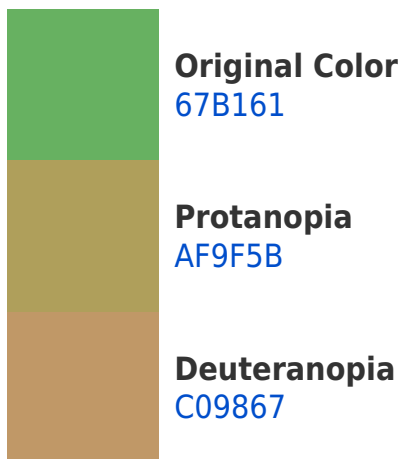


This preview shows how white text looks on a background with the Hex color 67B161.

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
77A7B5

Trichromacy



Original Color
67B161



Protanomaly
95A65D



Deuteranomaly
A0A165



Tritanomaly
71AB96

Monochromacy



Original Color
67B161



Achromatopsia
929292



Achromatomaly
829D80

CSS Examples

Text

The CSS property to change the color of the text to Hex 67B161 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 #67B161 looks like.

```
.text, #text, p{  
    color:#67B161  
}
```

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 #67B161 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67B161
}
```

Border

The CSS property to change the border of an element to Hex 67B161 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
#67B161 }
```

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

```
.border{ border-color:#67B161 }
```

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

Here you see how a box with a 4 pixel #67B161 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67B161; -webkit-box-shadow:4px 4px  
4px 4px #67B161; box-shadow:4px 4px 4px  
4px #67B161 }
```

Background

The CSS property to change the background color of an element to Hex 67B161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67B161 }
```

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

```
.background{ background-color:#67B161 }
```

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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