

Converting Colors

Hex(67B771)

Have a look what the booklet for
Hex(67B771) contains.

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Color

Hex(67B771)

Conversions

Conversions Part 1

Format	Color
Hex	67B771
RGB	103, 183, 113
RGB Percent	40%, 72%, 44%
CMY	0.5961, 0.2824, 0.5569
CMYK	0.44, 0.00, 0.38, 0.28
HSL	128°, 36%, 56%
HSV	128°, 44%, 72%
XYZ	25.5076, 37.9428, 21.6021
YIQ	151.1000, -25.2100, -38.7300

Conversions

Conversions Part 2

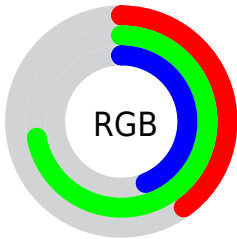
Format	Color
RYB	103, 174, 183
Decimal	6797169
CIELab	67.98, -39.46, 28.14
CIELCh	68, 48.470, 144.505
Yxy	37.9428, 0.2999, 0.4461
Android (android.graphics.Color)	4284987249 (0xFF67B771)
YUV	151.1000, -18.7833, -42.1837
Hunter-Lab	61.5977, -33.8791, 22.3256

Details

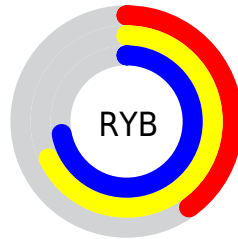
The Hex color **67B771** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B767AD**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **9EF0A5**, and **308140** is the 20% darker color. If you saturate the color by 10%, you get **55B761**, and if you desaturate by 10%, it is **79B781**.

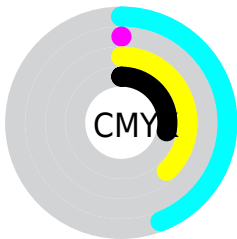
Distribution



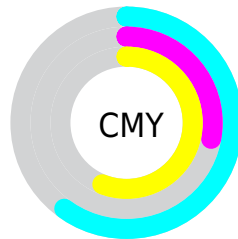
- Red (40%)
- Green (72%)
- Blue (44%)



- Red (40%)
- Yellow (68%)
- Blue (72%)



- Cyan (44%)
- Magenta (0%)
- Yellow (38%)
- Black (28%)



- Cyan (60%)
- Magenta (28%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67B771 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 67B771 by changing the saturation by 10% instead.

 67B771

 67B771

FFFFFF

 4C9C58

 9EF0A5

 308140

 BAFFC1

 0E6829

 D7FFDD

 004F12

 F4FFFA

 003700

 002300

 000000

 67B771

 67B771

 55B761

 79B781

 42B751

 8CB791

 30B741

 9EB7A1

 1EB731

 B0B7B1

 0BB721

 C3B7C1

 00B717

 D5B7D1

 E7B7E1

 F9B7F1

 FFB7FF

Harmonies

Analogous

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



9CAE53



67B771



00BB9C

Triad

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



67B771



41ADFC



F88484

Complementary

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



67B771



B767AD

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.



F282B0



67B771



9C9DF5

Square

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



67B771



00B7EC



D48DD9



E79060

Rectangle

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



67B771



00BCBA



D48DD9



F98192

Sweetspot

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



67B771



CEEDD2



AEB767



657867



F7F7F7



787878

Same Dimension

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



67B771



72ED81



67B798



535C54



009C13



001C04

Inverse Universe

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



B767AD



ED72DE



B76786



5C535B



9C0088



1C0019

Previews

White Background



This preview shows how the Hex color 67B771 looks on a white background.

Color Contrast Check

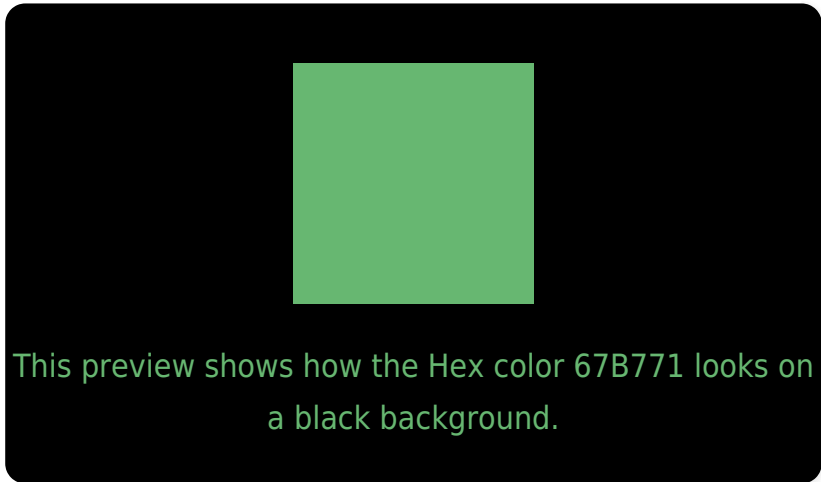
Large Text (above 18pt) WCAG AA × Fail

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

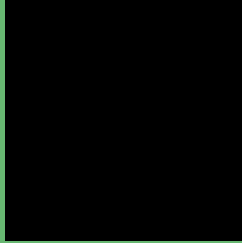
Any Text WCAG AA ✓ Pass

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 67B771 Background



This preview shows how black text looks on a background with the Hex color 67B771.

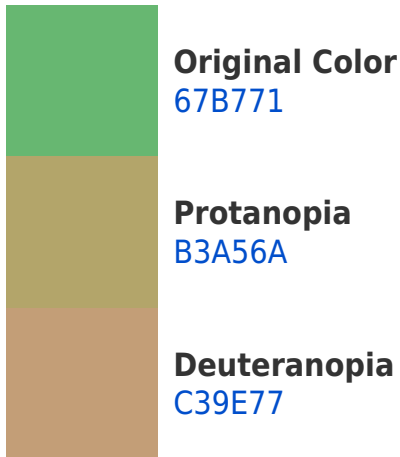


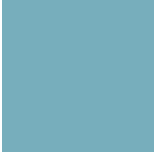
This preview shows how white text looks on a background with the Hex color 67B771.

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](#).

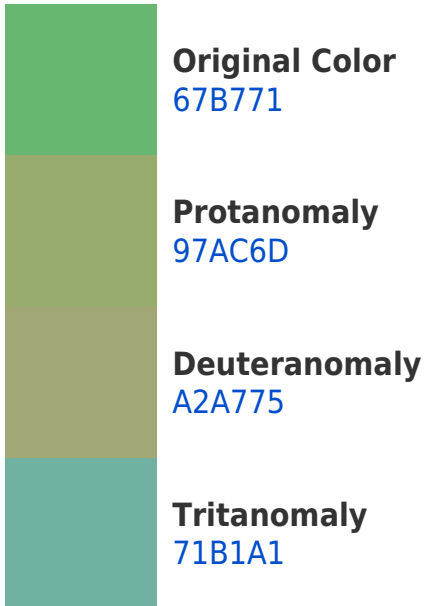
Dichromacy





Tritanopia
77AEB3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67B771 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 #67B771 looks like.

```
.text, #text, p{  
    color:#67B771  
}
```

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 #67B771 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67B771
}
```

Border

The CSS property to change the border of an element to Hex 67B771 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
#67B771 }
```

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

```
.border{ border-color:#67B771 }
```

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

Here you see how a box with a 4 pixel #67B771 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67B771; -webkit-box-shadow:4px 4px  
4px 4px #67B771; box-shadow:4px 4px 4px  
4px #67B771 }
```

Background

The CSS property to change the background color of an element to Hex 67B771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67B771 }
```

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

```
.background{ background-color:#67B771 }
```

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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