

Converting Colors

Hex(67B671)

Have a look what the booklet for
Hex(67B671) contains.

Hex(67B671)	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(67B671)

Conversions

Conversions Part 1

Format	Color
Hex	67B671
RGB	103, 182, 113
RGB Percent	40%, 71%, 44%
CMY	0.5961, 0.2863, 0.5569
CMYK	0.43, 0.00, 0.38, 0.29
HSL	128°, 35%, 56%
HSV	128°, 43%, 71%
XYZ	25.3021, 37.5317, 21.5336
YIQ	150.5130, -24.9350, -38.2070

Conversions

Conversions Part 2

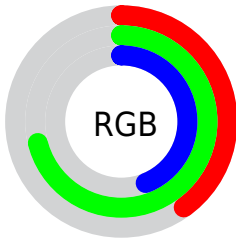
Format	Color
RYB	103, 173, 182
Decimal	6796913
CIELab	67.67, -39.02, 27.74
CIELCh	68, 47.876, 144.588
Yxy	37.5317, 0.2999, 0.4449
Android (android.graphics.Color)	4284986993 (0xFF67B671)
YUV	150.5130, -18.4939, -41.6689
Hunter-Lab	61.2631, -33.4887, 22.0442

Details

The Hex color **67B671** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B667AC**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **9EEEA5**, and **308040** is the 20% darker color. If you saturate the color by 10%, you get **55B661**, and if you desaturate by 10%, it is **79B681**.

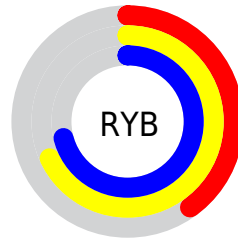
Distribution



Red (40%)

Green (71%)

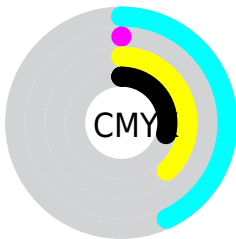
Blue (44%)



Red (40%)

Yellow (68%)

Blue (71%)

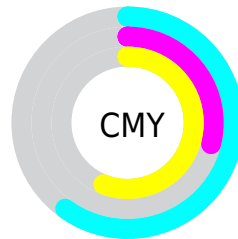


Cyan (43%)

Magenta (0%)

Yellow (38%)

Black (29%)



Cyan (60%)

Magenta (29%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67B671 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 67B671 by changing the saturation by 10% instead.

 67B671

 67B671

FFFFFF

 4C9B58

 9EEEA5

 308040

 BAFFC1

 0E6729

 D6FFDD

 004E12

 F4FFFA

 003600

 002200

 000000

 67B671

 67B671

 55B661

 79B681

 43B651

 8BB691

 30B641

 9EB6A1

 1EB631

 B0B6B1

 0CB622

 C2B6C0

 00B617

 D4B6D0

 E6B6E0

 F9B6F0

 FFB6FF

Harmonies

Analogous

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



9BAD53



67B671



00BA9B

Triad

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



67B671



43ACFA



F68383

Complementary

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



67B671



B667AC

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.



F181AF



67B671



9C9DF3

Square

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



67B671



00B6EA



D38CD7



E69060

Rectangle

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



67B671



00BBB9



D38CD7



F78191

Sweetspot

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



67B671



CEEDD2



ADB667



657867



F7F7F7



787878

Same Dimension

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



67B671



72ED81



67B698



535C54



009C14



001C04

Inverse Universe

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



B667AC



ED72DE



B66785



5C535B



9C0088



1C0018

Previews

White Background



This preview shows how the Hex color 67B671 looks on a white background.

Color Contrast Check

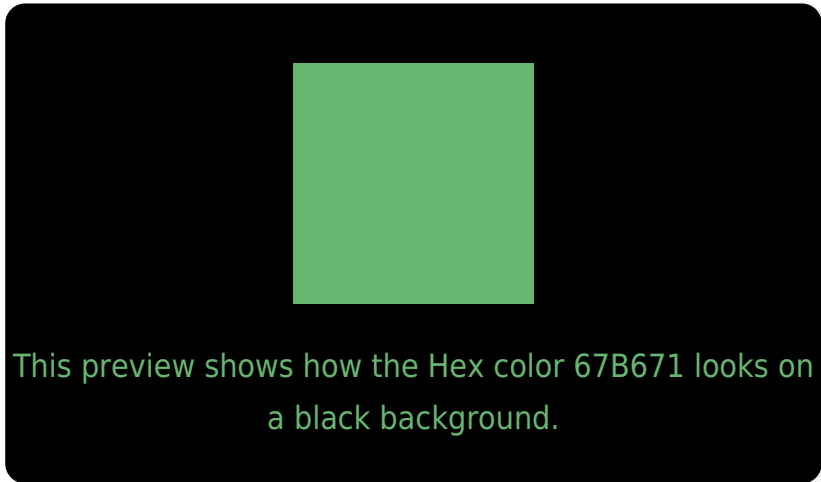
Large Text (above 18pt) WCAG AA × Fail

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 67B671 Background



This preview shows how black text looks on a background with the Hex color 67B671.

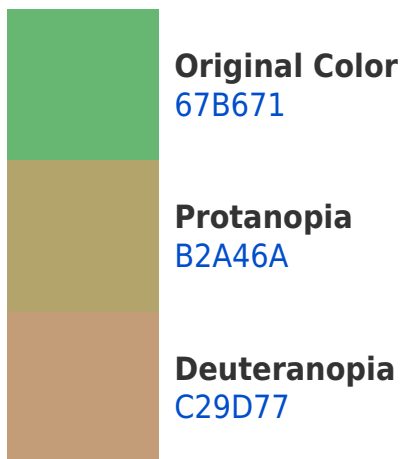


This preview shows how white text looks on a background with the Hex color 67B671.

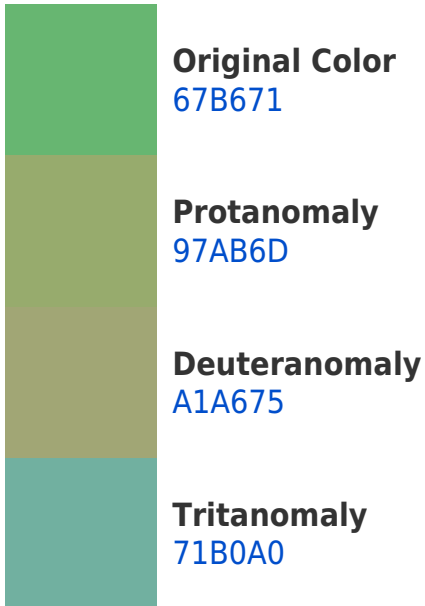
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67B671 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 #67B671 looks like.

```
.text, #text, p{  
    color:#67B671  
}
```

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 #67B671 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67B671
}
```

Border

The CSS property to change the border of an element to Hex 67B671 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
#67B671 }
```

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

```
.border{ border-color:#67B671 }
```

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

Here you see how a box with a 4 pixel #67B671 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67B671; -webkit-box-shadow:4px 4px  
4px 4px #67B671; box-shadow:4px 4px 4px  
4px #67B671 }
```

Background

The CSS property to change the background color of an element to Hex 67B671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67B671 }
```

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

```
.background{ background-color:#67B671 }
```

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