

# Converting Colors

Hex(67BA74)

Have a look what the booklet for  
Hex(67BA74) contains.

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**Color**

**Hex(67BA74)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67BA74
RGB	103, 186, 116
RGB Percent	40%, 73%, 45%
CMY	0.5961, 0.2706, 0.5451
CMYK	0.45, 0.00, 0.38, 0.27
HSL	129°, 38%, 57%
HSV	129°, 45%, 73%
XYZ	26.3048, 39.2623, 22.7150
YIQ	153.2030, -26.9980, -39.3660

# Conversions

## Conversions Part 2

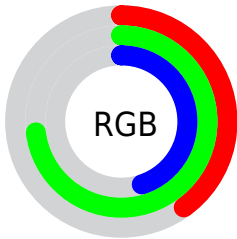
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">103, 175, 186</a>
Decimal	<a href="#">6797940</a>
CIELab	<a href="#">68.94, -40.29, 27.83</a>
CIELCh	<a href="#">69, 48.965, 145.360</a>
Yxy	<a href="#">39.2623, 0.2980, 0.4447</a>
Android (android.graphics.Color)	<a href="#">4284988020 (0xFF67BA74)</a>
YUV	<a href="#">153.2030, -18.3411, -44.0280</a>
Hunter-Lab	<a href="#">62.6597, -34.7193, 22.3683</a>

# Details

The Hex color **67BA74** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BA67AD**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **9EF3A9**, and **2F8443** is the 20% darker color. If you saturate the color by 10%, you get **54BA64**, and if you desaturate by 10%, it is **7ABA84**.

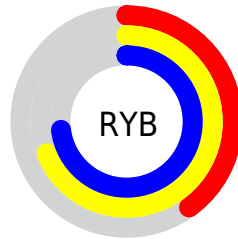
# Distribution



Red (40%)

Green (73%)

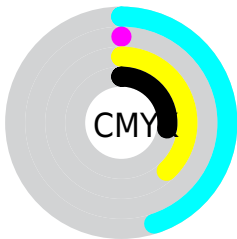
Blue (45%)



Red (40%)

Yellow (69%)

Blue (73%)

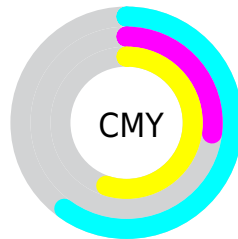


Cyan (45%)

Magenta (0%)

Yellow (38%)

Black (27%)



Cyan (60%)

Magenta (27%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67BA74 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 67BA74 by changing the saturation by 10% instead.



 67BA74

 67BA74

FFFFFF

 4C9F5B

 9EF3A9

 2F8443

 BAFFC4

 0B6A2B

 D7FFE0

 005115

 F4FFFD

 003900

 002500

 000000

 67BA74

 67BA74

 54BA64

 7ABA84

 42BA55

 8CBA93

 2FBA45

 9FBAA3

 1DBA35

 B1BAB3

 0ABA26

 C4BAC2

 00BA1D

 D7BAD2

 E9BAE2

 FCBAF1

 FFBAFF

# Harmonies

## Analogous

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



9DB155



67BA74



00BEA0

# Triad

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



67BA74



46AFFF



FB8685

# Complementary

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



67BA74



BA67AD

# 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.



F684B1



67BA74



A19FF8

# Square

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



67BA74



00B9F0



D98EDB



EA9360

# Rectangle

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



67BA74



00BFBE



D98EDB



FC8493

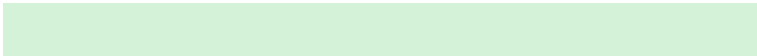


# Sweetspot

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



67BA74



D3F2D8



AEBA67



677A6A



FAFAFA



7A7A7A



# Same Dimension

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



67BA74



6FF284



67BA9D



535C54



009C18



001C04



# Inverse Universe

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



BA67AD



F26FDE



BA6784



5C535A



9C0083



1C0018



# Previews

## White Background



This preview shows how the Hex color 67BA74 looks on a white background.

## Color Contrast Check

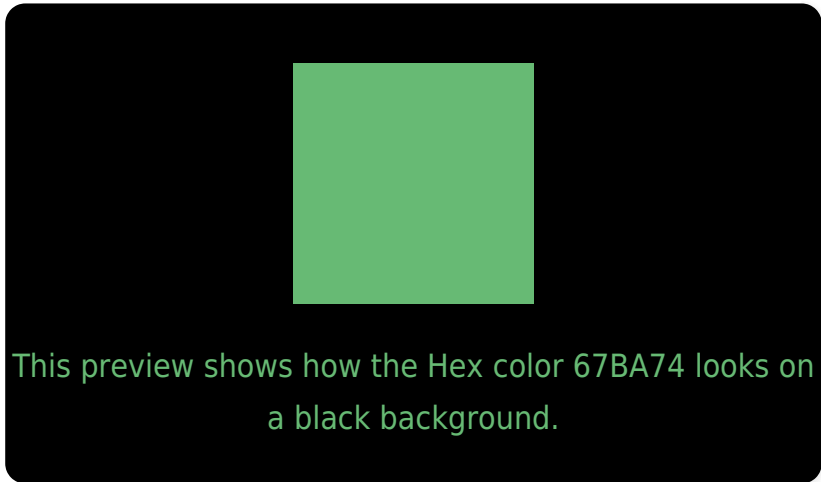
Large Text (above 18pt) WCAG AA × Fail

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

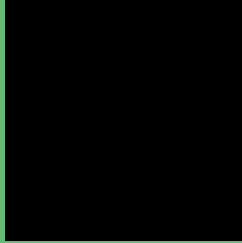
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 67BA74 Background



This preview shows how black text looks on a background with the Hex color 67BA74.

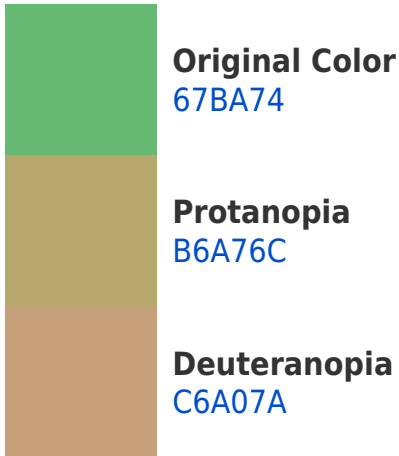


This preview shows how white text looks on a background with the Hex color 67BA74.

# 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](#).

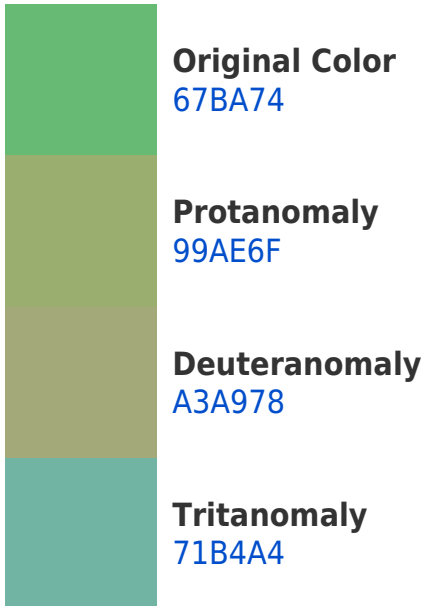
## Dichromacy



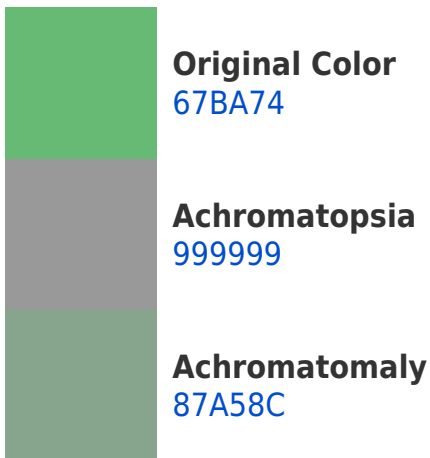


**Tritanopia**  
77B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67BA74 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 #67BA74 looks like.

```
.text, #text, p{  
    color:#67BA74  
}
```

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 #67BA74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67BA74
}
```

## Border

The CSS property to change the border of an element to Hex 67BA74 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
#67BA74 }
```

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

```
.border{ border-color:#67BA74 }
```

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

Here you see how a box with a 4 pixel #67BA74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67BA74; -webkit-box-shadow:4px 4px  
4px 4px #67BA74; box-shadow:4px 4px 4px  
4px #67BA74 }
```

# Background

The CSS property to change the background color of an element to Hex 67BA74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67BA74 }
```

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

```
.background{ background-color:#67BA74 }
```

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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