

# Converting Colors

Hex(7BC66C)

Have a look what the booklet for  
Hex(7BC66C) contains.

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**Color**

**Hex(7BC66C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BC66C
RGB	123, 198, 108
RGB Percent	48%, 78%, 42%
CMY	0.5176, 0.2235, 0.5765
CMYK	0.38, 0.00, 0.45, 0.22
HSL	110°, 44%, 60%
HSV	110°, 45%, 78%
XYZ	31.0692, 45.6818, 21.3673
YIQ	165.3150, -15.8100, -43.8900

# Conversions

## Conversions Part 2

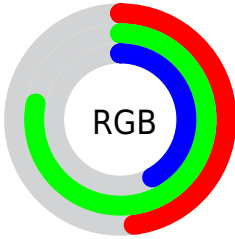
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 198, 183
Decimal	8111724
CIELab	73.34, -40.65, 37.81
CIELCh	73, 55.515, 137.074
Yxy	45.6818, 0.3167, 0.4656
Android (android.graphics.Color)	4286301804 (0xFF7BC66C)
YUV	165.3150, -28.2563, -37.1103
Hunter-Lab	67.5883, -36.2261, 28.5679

# Details

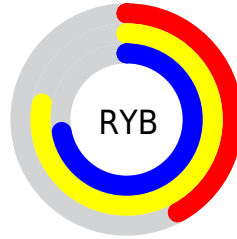
The Hex color **7BC66C** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B76CC6**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **B3FFA1**, and **45903A** is the 20% darker color. If you saturate the color by 10%, you get **6BC658**, and if you desaturate by 10%, it is **8BC680**.

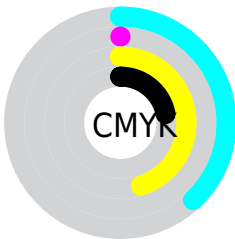
# Distribution



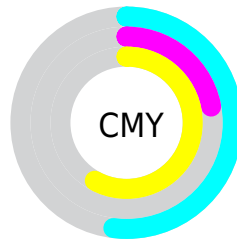
- Red (48%)
- Green (78%)
- Blue (42%)



- Red (42%)
- Yellow (78%)
- Blue (72%)



- Cyan (38%)
- Magenta (0%)
- Yellow (45%)
- Black (22%)



- Cyan (52%)
- Magenta (22%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BC66C 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 7BC66C by changing the saturation by 10% instead.



 7BC66C

 7BC66C

FFFFFF

 60AA53

 B3FFA1

 45903A

 CFFFBC

 287521

 ECFFD8

 005C05

 FFFFF5

 004400

 002D00

 001400

 000000

 7BC66C

 7BC66C

 6BC658

 8BC680

 5AC644

 9CC694

 49C631

 ADC6A7

 39C61D

 BDC6BB

 28C609

 CEC6CF

 21C600

 DEC6E3

 EFC6F7

 FFC6FF

# Harmonies

## Analogous

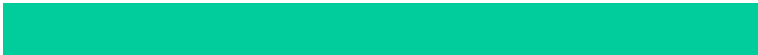
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B5BA4E



7BC66C



00CC9C

# Triad

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



7BC66C



00C0FF



FF8999

# Complementary

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



7BC66C



B76CC6

# 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.



FF8BCC



7BC66C



92AFFF

# Square

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



7BC66C



00CAFD



DD9BFA



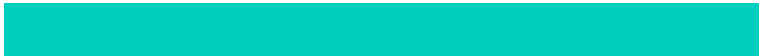
FF976C

# Rectangle

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



7BC66C



00CEBF



DD9BFA



FF88AA

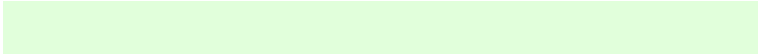


# Sweetspot

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



7BC66C



E1FFDB



C6B76C



6D806A



000000



808080



# Same Dimension

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



7BC66C



8AFF73



6CC68A



5B635A



1BA300



062400



# Inverse Universe

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



B76CC6



E873FF



C66CA8



625A63



8800A3



1E0024



# Previews

## White Background



This preview shows how the Hex color 7BC66C looks on a white background.

## Color Contrast Check

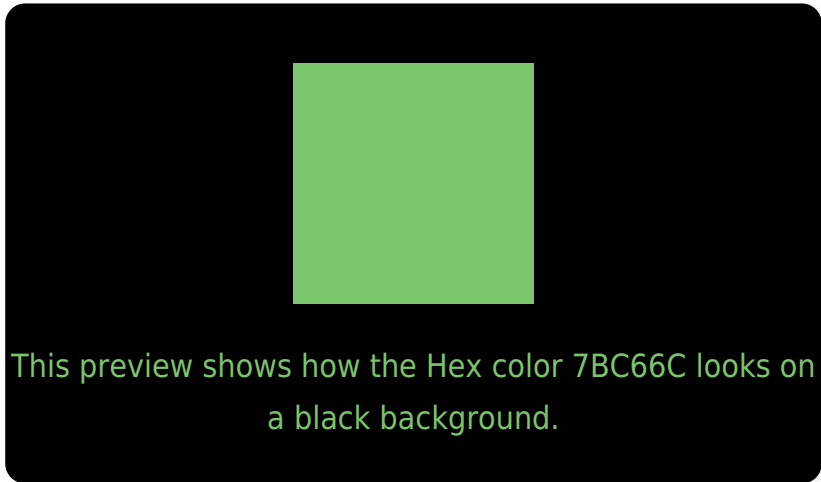
Large Text (above 18pt) WCAG AA × Fail

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 7BC66C Background



This preview shows how black text looks on a background with the Hex color 7BC66C.

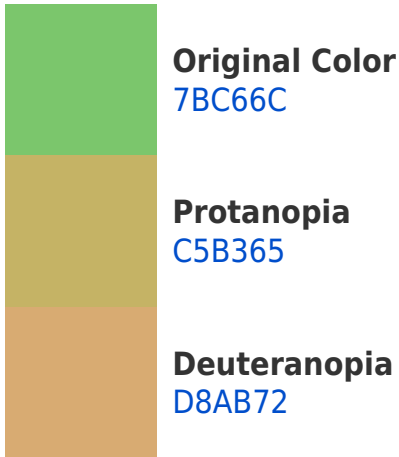


This preview shows how white text looks on a background with the Hex color 7BC66C.

# 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](#).

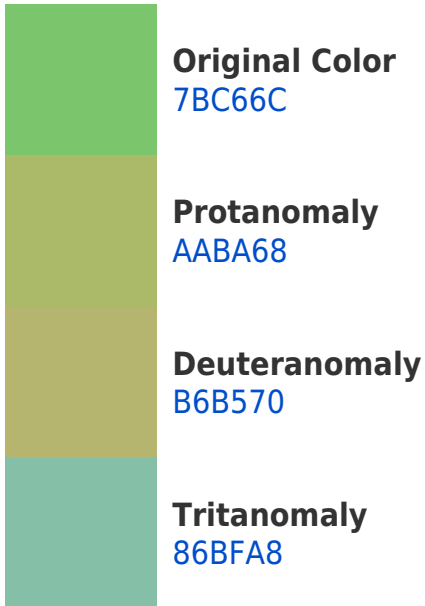
## Dichromacy



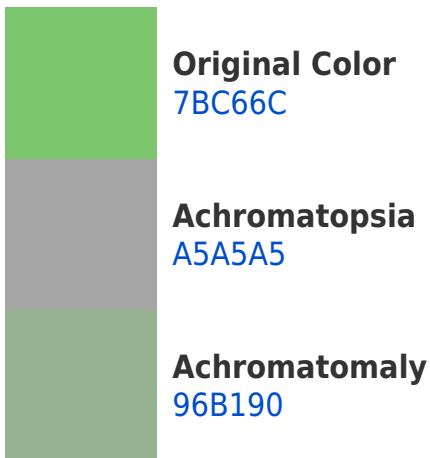


**Tritanopia**  
8CBBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BC66C 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 #7BC66C looks like.

```
.text, #text, p{  
    color:#7BC66C  
}
```

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 #7BC66C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC66C
}
```

## Border

The CSS property to change the border of an element to Hex 7BC66C 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
#7BC66C }
```

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

```
.border{ border-color:#7BC66C }
```

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

Here you see how a box with a 4 pixel #7BC66C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC66C; -webkit-box-shadow:4px 4px  
4px 4px #7BC66C; box-shadow:4px 4px 4px  
4px #7BC66C }
```

# Background

The CSS property to change the background color of an element to Hex 7BC66C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC66C }
```

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

```
.background{ background-color:#7BC66C }
```

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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