

# Converting Colors

Hex(77C077)

Have a look what the booklet for  
Hex(77C077) contains.

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# **Color**

**Hex(77C077)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77C077
RGB	119, 192, 119
RGB Percent	47%, 75%, 47%
CMY	0.5333, 0.2471, 0.5333
CMYK	0.38, 0.00, 0.38, 0.25
HSL	120°, 37%, 61%
HSV	120°, 38%, 75%
XYZ	29.7872, 42.9531, 24.1736
YIQ	161.8510, -20.0750, -38.1790

# Conversions

## Conversions Part 2

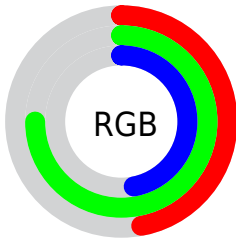
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">119, 192, 192</a>
Decimal	<a href="#">7848055</a>
CIELab	<a href="#">71.52, -37.63, 29.80</a>
CIElCh	<a href="#">72, 47.999, 141.625</a>
Yxy	<a href="#">42.9531, 0.3074, 0.4432</a>
Android (android.graphics.Color)	<a href="#">4286038135 (0xFF77C077)</a>
YUV	<a href="#">161.8510, -21.1255, -37.5803</a>
Hunter-Lab	<a href="#">65.5386, -33.5648, 24.0082</a>

# Details

The Hex color **77C077** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **C077C0**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **AEF9AC**, and **428A45** is the 20% darker color. If you saturate the color by 10%, you get **64C064**, and if you desaturate by 10%, it is **8AC08A**.

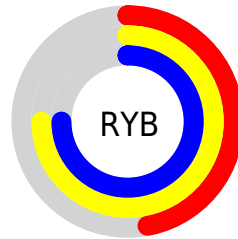
# Distribution



Red (47%)

Green (75%)

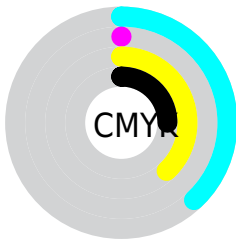
Blue (47%)



Red (47%)

Yellow (75%)

Blue (75%)

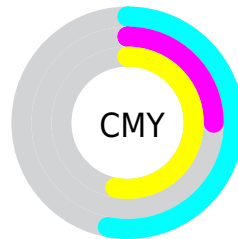


Cyan (38%)

Magenta (0%)

Yellow (38%)

Black (25%)



Cyan (53%)

Magenta (25%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77C077 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 77C077 by changing the saturation by 10% instead.



 77C077

 77C077

FFFFFF

 5CA55E


 AEF9AC

 428A45

 CAFFC7

 26702E

 E7FFE4

 005717

 003F00

 002900

 000A00

 000000

 77C077

 77C077

 64C064

 8AC08A

 51C051

 9DC09D

 3DC03D

 B1C0B1

 2AC02A

 C4C0C4

 17C017

 D7C0D7

 04C004

 EAC0EA

 00C000

 FDC0FD

 FFC0FF

# Harmonies

## Analogous

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



AAB65B



77C077



28C5A1

# Triad

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



77C077



46B7FF



FF8D91

# Complementary

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



77C077



C077C0

# 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.



FB8CBD



77C077



A0A8FF

# Square

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



77C077



00C1F3



DA98E6



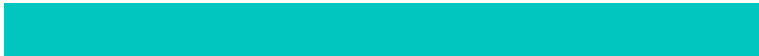
F4996C

# Rectangle

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



77C077



00C6BF



DA98E6



FF8BA0

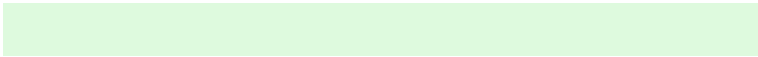


# Sweetspot

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



77C077



DEFADE



C0C077



6D7D6D



FCFCFC



7D7D7D



# Same Dimension

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



77C077



87FA87



77C09C



576157



00A100



002100



# Inverse Universe

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



C077C0



FA87FA



C0779C



615761



A100A1



210021



# Previews

## White Background



This preview shows how the Hex color 77C077 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



This preview shows how the Hex color 77C077 looks on a 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 77C077 Background



This preview shows how black text looks on a background with the Hex color 77C077.

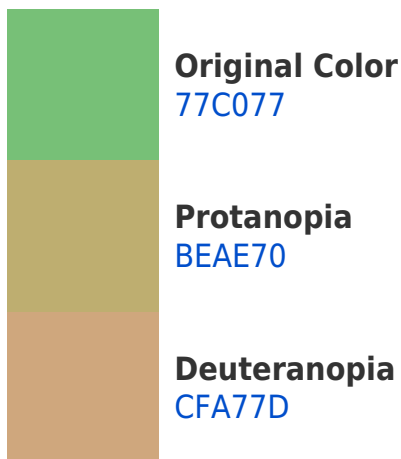


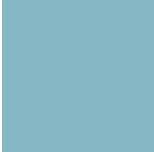
This preview shows how white text looks on a background with the Hex color 77C077.

# 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](#).

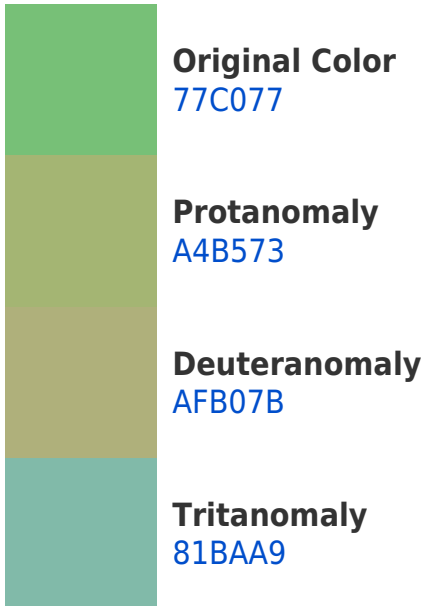
## Dichromacy



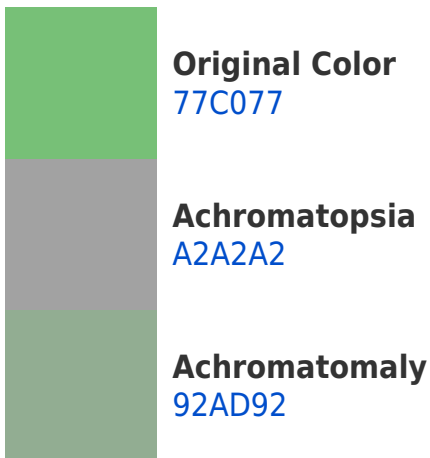


**Tritanopia**  
86B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77C077 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 #77C077 looks like.

```
.text, #text, p{  
    color:#77C077  
}
```

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 #77C077 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77C077
}
```

## Border

The CSS property to change the border of an element to Hex 77C077 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
#77C077 }
```

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

```
.border{ border-color:#77C077 }
```

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

Here you see how a box with a 4 pixel #77C077 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77C077; -webkit-box-shadow:4px 4px  
4px 4px #77C077; box-shadow:4px 4px 4px  
4px #77C077 }
```

# Background

The CSS property to change the background color of an element to Hex 77C077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77C077 }
```

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

```
.background{ background-color:#77C077 }
```

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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