

# Converting Colors

Hex(76C679)

Have a look what the booklet for  
Hex(76C679) contains.

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**Color**

**Hex(76C679)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76C679
RGB	118, 198, 121
RGB Percent	46%, 78%, 47%
CMY	0.5373, 0.2235, 0.5255
CMYK	0.40, 0.00, 0.39, 0.22
HSL	122°, 41%, 62%
HSV	122°, 40%, 78%
XYZ	31.1165, 45.6202, 25.2547
YIQ	165.3020, -22.9630, -40.9070

# Conversions

## Conversions Part 2

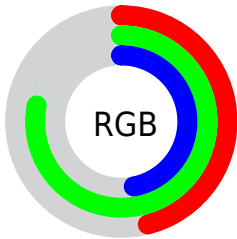
Format	Color
<a href="#">RYB</a>	<a href="#">118, 195, 198</a>
Decimal	<a href="#">7784057</a>
CIELab	<a href="#">73.30, -40.30, 31.08</a>
CIElCh	<a href="#">73, 50.895, 142.362</a>
Yxy	<a href="#">45.6202, 0.3051, 0.4473</a>
Android (android.graphics.Color)	<a href="#">4285974137 (0xFF76C679)</a>
YUV	<a href="#">165.3020, -21.8409, -41.4839</a>
Hunter-Lab	<a href="#">67.5427, -35.9660, 25.1109</a>

# Details

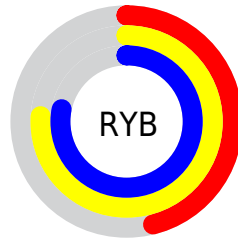
The Hex color **76C679** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C676C3**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **ADFFAE**, and **408F47** is the 20% darker color. If you saturate the color by 10%, you get **62C666**, and if you desaturate by 10%, it is **8AC68C**.

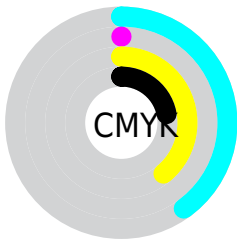
# Distribution



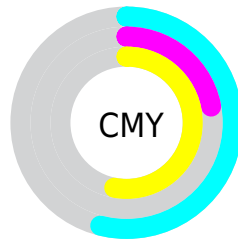
- Red (46%)
- Green (78%)
- Blue (47%)



- Red (46%)
- Yellow (76%)
- Blue (78%)



- Cyan (40%)
- Magenta (0%)
- Yellow (39%)
- Black (22%)



- Cyan (54%)
- Magenta (22%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76C679 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 76C679 by changing the saturation by 10% instead.



 76C679

 76C679

FFFFFF

 5BAA60

 ADFFAE

 408F47

 CAFFCA

 22752F

 E7FFE6

 005C18

 004400

 002D00

 001400

 000000

 76C679

 76C679

 62C666

 8AC68C

 4EC653

 9EC69F

 3BC640

 B1C6B2

 27C62D

 C5C6C5

 13C61A

 D9C6D8

 00C607

 EDC6EB

 FFC6FE

 FFC6FF

# Harmonies

## Analogous

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



ADBC5A



76C679



0ECBA6

# Triad

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



76C679



40BCFF



FF8F93

# Complementary

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



76C679



C676C3

# 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.



FF8EC2



76C679



A5ACFF

# Square

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



76C679



00C7FD



E29AEE



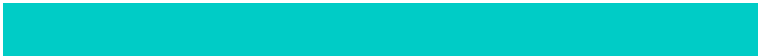
FC9C6C

# Rectangle

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



76C679



00CCC6



E29AEE



FF8DA2

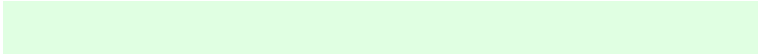


# Sweetspot

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



76C679



E0FFE2



C3C676



6E806E



000000



808080



# Same Dimension

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



76C679



85FF89



76C6A1



5A635A



00A306



002401



# Inverse Universe

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



C676C3



FF85FA



C6769B



635A63



A3009D



240022



# Previews

## White Background



This preview shows how the Hex color 76C679 looks on a white background.

## Color Contrast Check

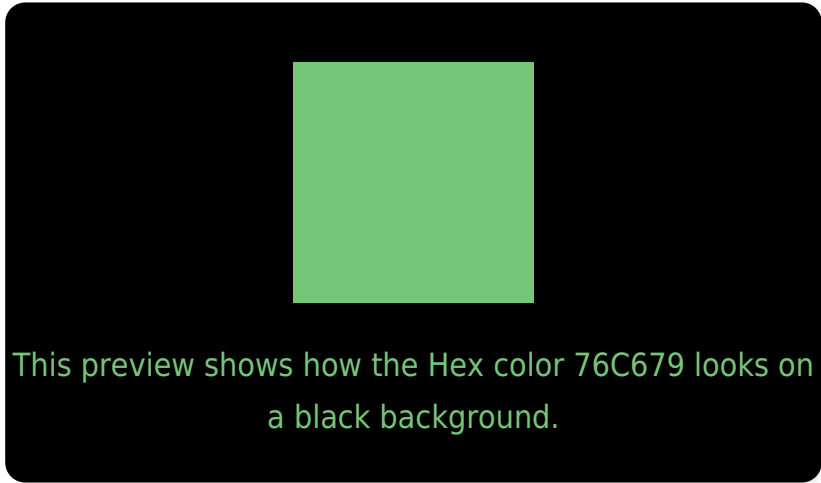
Large Text (above 18pt) WCAG AA × Fail

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 76C679 Background



This preview shows how black text looks on a background with the Hex color 76C679.

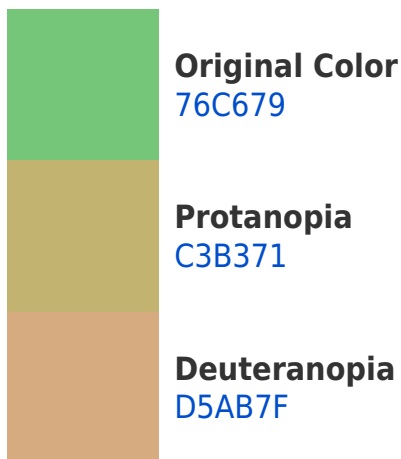


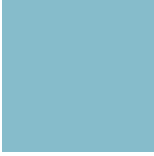
This preview shows how white text looks on a background with the Hex color 76C679.

# 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**  
86BCCB

# Trichromacy



**Original Color**  
76C679



**Protanomaly**  
A7BA74



**Deuteranomaly**  
B2B57D



**Tritanomaly**  
80C0AD

# Monochromacy



**Original Color**  
76C679



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
94B195

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76C679 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 #76C679 looks like.

```
.text, #text, p{  
    color:#76C679  
}
```

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 #76C679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C679
}
```

## Border

The CSS property to change the border of an element to Hex 76C679 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
#76C679 }
```

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

```
.border{ border-color:#76C679 }
```

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

Here you see how a box with a 4 pixel #76C679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C679; -webkit-box-shadow:4px 4px  
4px 4px #76C679; box-shadow:4px 4px 4px  
4px #76C679 }
```

# Background

The CSS property to change the background color of an element to Hex 76C679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C679 }
```

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

```
.background{ background-color:#76C679 }
```

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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