

# Converting Colors

Hex(76C959)

Have a look what the booklet for  
Hex(76C959) contains.

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**Color**

**Hex(76C959)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76C959
RGB	118, 201, 89
RGB Percent	46%, 79%, 35%
CMY	0.5373, 0.2118, 0.6510
CMYK	0.41, 0.00, 0.56, 0.21
HSL	104°, 51%, 57%
HSV	104°, 56%, 79%
XYZ	30.1610, 46.3461, 16.8072
YIQ	163.4150, -13.5160, -52.4280

# Conversions

## Conversions Part 2

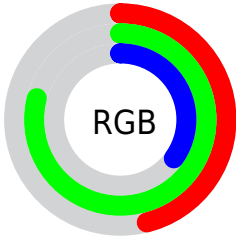
Format	Color
<a href="#">RYB</a>	<a href="#">89, 201, 172</a>
Decimal	<a href="#">7784793</a>
CIELab	<a href="#">73.77, -45.90, 47.49</a>
CIElCh	<a href="#">74, 66.044, 134.023</a>
Yxy	<a href="#">46.3461, 0.3232, 0.4967</a>
Android (android.graphics.Color)	<a href="#">4285974873</a> ( <a href="#">0xFF76C959</a> )
YUV	<a href="#">163.4150, -36.6866, -39.8290</a>
Hunter-Lab	<a href="#">68.0780, -40.0544, 33.0169</a>

# Details

The Hex color **76C959** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **AC59C9**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **AEFF8E**, and **3D9225** is the 20% darker color. If you saturate the color by 10%, you get **67C945**, and if you desaturate by 10%, it is **85C96D**.

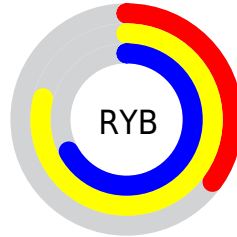
# Distribution



Red (46%)

Green (79%)

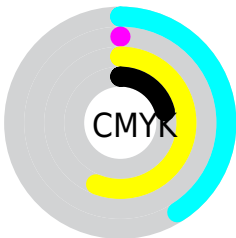
Blue (35%)



Red (35%)

Yellow (79%)

Blue (67%)

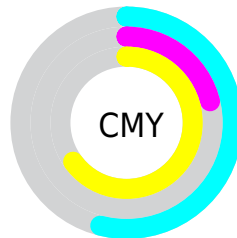


Cyan (41%)

Magenta (0%)

Yellow (56%)

Black (21%)



Cyan (54%)

Magenta (21%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76C959 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 76C959 by changing the saturation by 10% instead.



 76C959

 76C959

FFFFFF

 5AAD3F

 AEFF8E

 3D9225

 CBFFA9

 1D7803

 E9FFC5

 005E00

 FFFFE2

 004600

 002F00

 001600

 000000

 76C959

 76C959

 67C945

 85C96D

 58C931

 94C981

 49C91D

 A3C995

 3AC909

 B2C9A9

 34C900

 C0C9BE

 CFC9D2

 DEC9E6

 EDC9FA

 FCC9FF

# Harmonies

## Analogous

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



BBBB34



76C959



00D192

# Triad

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



76C959



00C5FF



FF7E9B

# Complementary

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



76C959



AC59C9

# Split Complementary

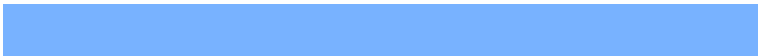
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF83D8



76C959



78B2FF

# Square

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



76C959



00CFFF



DD99FF



FF8F63

# Rectangle

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



76C959



00D3BC



DD99FF



FF7DB0

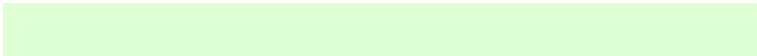


# Sweetspot

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



76C959



DFFFD4



C9AB59



6D8066



000000



808080



# Same Dimension

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



76C959



80FF54



59C973



5C635A



2AA300



092400



# Inverse Universe

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



AC59C9



D354FF



C959AF



615A63



7900A3



1A0024



# Previews

## White Background



This preview shows how the Hex color 76C959 looks on a white background.

## Color Contrast Check

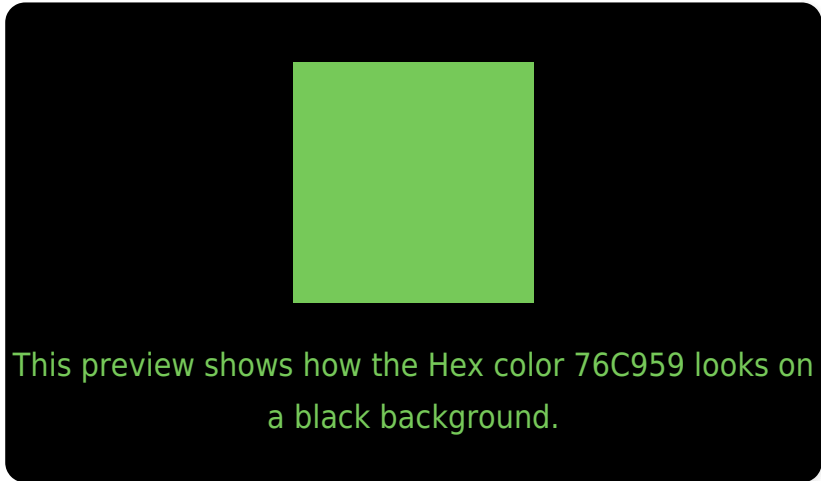
Large Text (above 18pt) WCAG AA × Fail

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 76C959 Background



This preview shows how black text looks on a background with the Hex color 76C959.

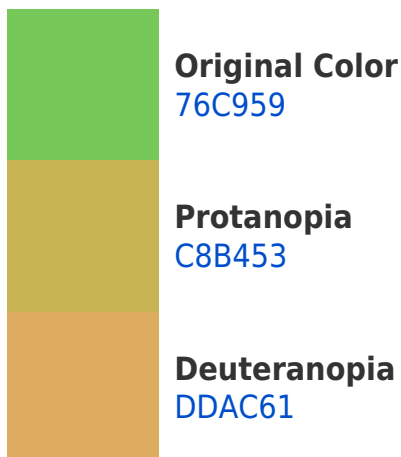


This preview shows how white text looks on a background with the Hex color 76C959.

# Color Blindness Simulation

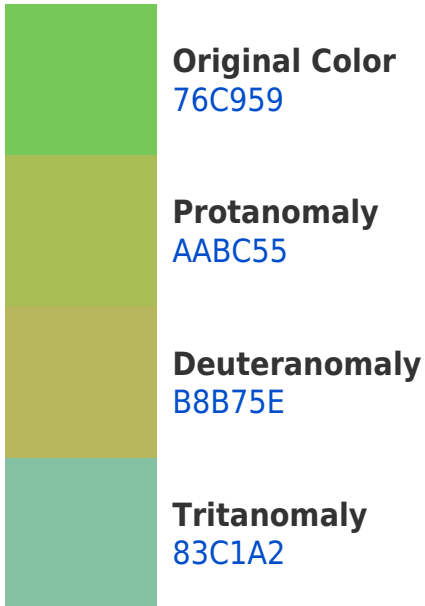
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

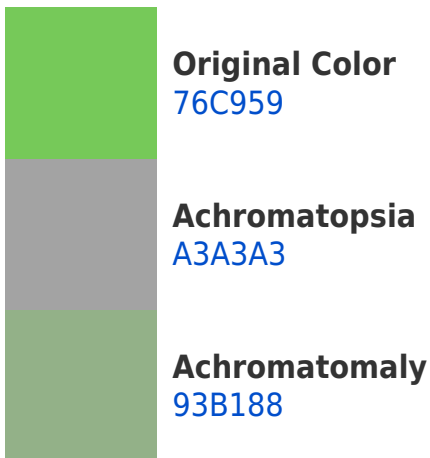




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76C959 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 #76C959 looks like.

```
.text, #text, p{  
    color:#76C959  
}
```

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 #76C959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C959
}
```

## Border

The CSS property to change the border of an element to Hex 76C959 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
#76C959 }
```

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

```
.border{ border-color:#76C959 }
```

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

Here you see how a box with a 4 pixel #76C959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C959; -webkit-box-shadow:4px 4px  
4px 4px #76C959; box-shadow:4px 4px 4px  
4px #76C959 }
```

# Background

The CSS property to change the background color of an element to Hex 76C959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C959 }
```

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

```
.background{ background-color:#76C959 }
```

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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