

# Converting Colors

Hex(76BB6F)

Have a look what the booklet for  
Hex(76BB6F) contains.

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**Color**

**Hex(76BB6F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76BB6F
RGB	118, 187, 111
RGB Percent	46%, 73%, 44%
CMY	0.5373, 0.2667, 0.5647
CMYK	0.37, 0.00, 0.41, 0.27
HSL	114°, 36%, 58%
HSV	114°, 41%, 73%
XYZ	28.1108, 40.5399, 21.3823
YIQ	157.7050, -16.7280, -38.2640

# Conversions

## Conversions Part 2

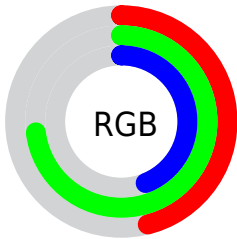
Format	Color
<a href="#">RYB</a>	<a href="#">111, 187, 180</a>
Decimal	<a href="#">7781231</a>
CIELab	<a href="#">69.85, -36.92, 31.77</a>
CIElCh	<a href="#">70, 48.710, 139.289</a>
Yxy	<a href="#">40.5399, 0.3122, 0.4503</a>
Android (android.graphics.Color)	<a href="#">4285971311 (0xFF76BB6F)</a>
YUV	<a href="#">157.7050, -23.0256, -34.8213</a>
Hunter-Lab	<a href="#">63.6709, -32.6163, 24.6586</a>

# Details

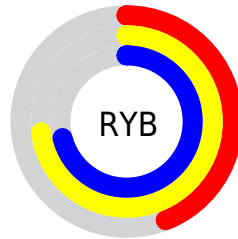
The Hex color **76BB6F** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **B46FBB**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **ADF4A4**, and **41853E** is the 20% darker color. If you saturate the color by 10%, you get **65BB5C**, and if you desaturate by 10%, it is **87BB82**.

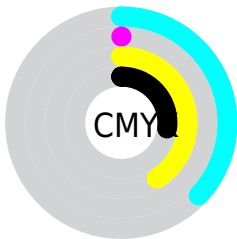
# Distribution



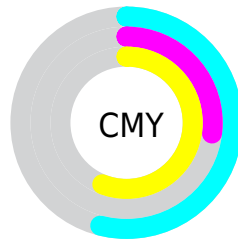
- Red (46%)
- Green (73%)
- Blue (44%)



- Red (44%)
- Yellow (73%)
- Blue (71%)



- Cyan (37%)
- Magenta (0%)
- Yellow (41%)
- Black (27%)



- Cyan (54%)
- Magenta (27%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76BB6F 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 76BB6F by changing the saturation by 10% instead.





76BB6F



76BB6F

FFFFFF



5BA056



ADF4A4



41853E



C9FFBF



256C26



E6FFDB



01530E



FFFFF8



003B00



002600



000000



76BB6F



76BB6F



65BB5C



87BB82

 54BB4A

 98BB94

 43BB37


 A9BBA7

 32BB24

 BABBBA

 21BB12

 CBBBCC

 11BB00

 DCBBDF

 EDBBF2

 FEBBF2

 FFBBFF

# Harmonies

## Analogous

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



A9B154



76BB6F



25C099

# Triad

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



76BB6F



2DB4FF



FE8790

# Complementary

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



76BB6F



B46FBB

# 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.



F588BC



76BB6F



95A5FE

# Square

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



76BB6F



00BDED



D294E5



F19369

# Rectangle

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



76BB6F



00C1B7



D294E5



FE869F



# Sweetspot

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



76BB6F



D8F2D5



BBB36F



6B7A69



FAFAFA



7A7A7A



# Same Dimension

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



76BB6F



86F27C



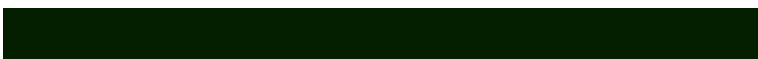
6FBB8D



565E55



0F9E00



031F00



# Inverse Universe

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



B46FBB



E77CF2



BB6F9D



5D555E



90009E



1C001F



# Previews

## White Background



This preview shows how the Hex color 76BB6F looks on a white background.

## Color Contrast Check

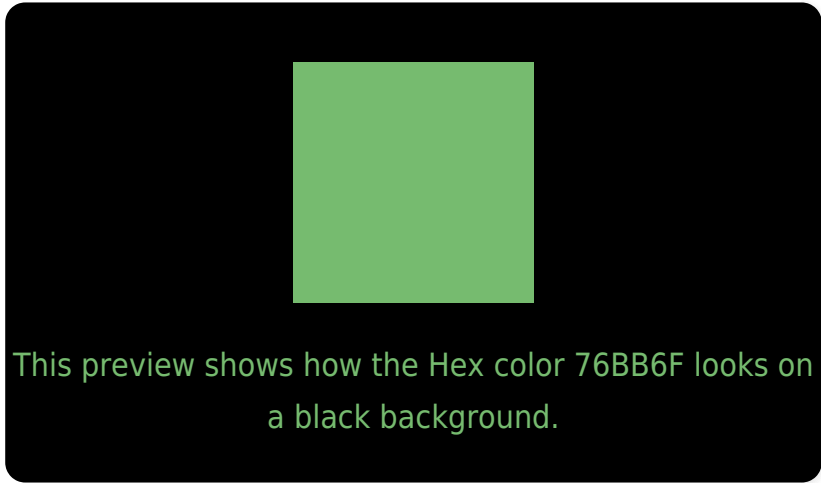
Large Text (above 18pt) WCAG AA × Fail

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

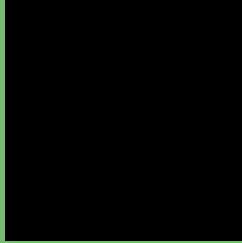
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 76BB6F Background



This preview shows how black text looks on a background with the Hex color 76BB6F.

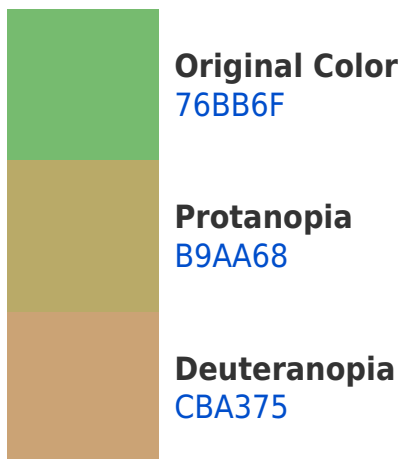


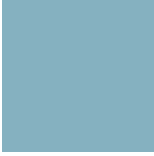
This preview shows how white text looks on a background with the Hex color 76BB6F.

# 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](#).

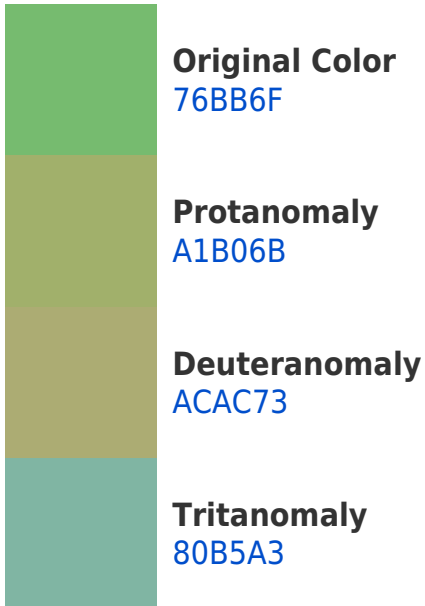
## Dichromacy



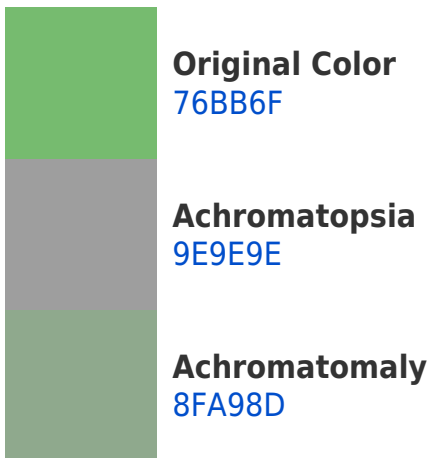


**Tritanopia**  
85B1C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76BB6F 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 #76BB6F looks like.

```
.text, #text, p{  
    color:#76BB6F  
}
```

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 #76BB6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76BB6F
}
```

## Border

The CSS property to change the border of an element to Hex 76BB6F 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
#76BB6F }
```

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

```
.border{ border-color:#76BB6F }
```

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

Here you see how a box with a 4 pixel #76BB6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76BB6F; -webkit-box-shadow:4px 4px  
4px 4px #76BB6F; box-shadow:4px 4px 4px  
4px #76BB6F }
```

# Background

The CSS property to change the background color of an element to Hex 76BB6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76BB6F }
```

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

```
.background{ background-color:#76BB6F }
```

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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