

# Converting Colors

Hex(76B179)

Have a look what the booklet for  
Hex(76B179) contains.

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**Color**

**Hex(76B179)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76B179
RGB	118, 177, 121
RGB Percent	46%, 69%, 47%
CMY	0.5373, 0.3059, 0.5255
CMYK	0.33, 0.00, 0.32, 0.31
HSL	123°, 27%, 58%
HSV	123°, 33%, 69%
XYZ	26.6445, 36.6763, 23.7641
YIQ	152.9750, -17.1880, -29.9240

# Conversions

## Conversions Part 2

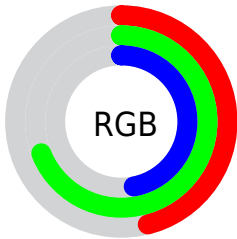
Format	Color
<a href="#">RYB</a>	<a href="#">118, 174, 177</a>
Decimal	<a href="#">7778681</a>
CIELab	<a href="#">67.03, -30.67, 22.75</a>
CIELCh	<a href="#">67, 38.182, 143.437</a>
Yxy	<a href="#">36.6763, 0.3060, 0.4212</a>
Android (android.graphics.Color)	<a href="#">4285968761 (0xFF76B179)</a>
YUV	<a href="#">152.9750, -15.7637, -30.6731</a>
Hunter-Lab	<a href="#">60.5610, -27.4484, 19.1273</a>

# Details

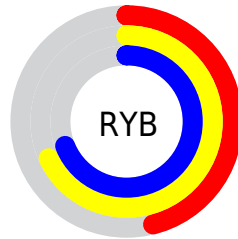
The Hex color **76B179** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B176AE**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **ACE9AE**, and **437C48** is the 20% darker color. If you saturate the color by 10%, you get **64B168**, and if you desaturate by 10%, it is **88B18A**.

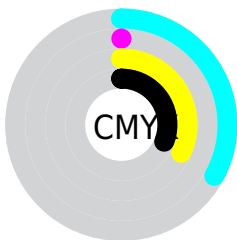
# Distribution



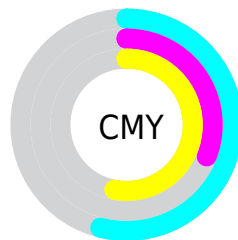
- Red (46%)
- Green (69%)
- Blue (47%)



- Red (46%)
- Yellow (68%)
- Blue (69%)



- Cyan (33%)
- Magenta (0%)
- Yellow (32%)
- Black (31%)



- Cyan (54%)
- Magenta (31%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76B179 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 76B179 by changing the saturation by 10% instead.



 76B179

 76B179

FFFFFF

 5C9660

 ACE9AE

 437C48

 C8FFC9

 296331

 E4FFE5

 0C4A1B

 003303

 002000

 000000

 76B179

 76B179

 64B168

 88B18A

 53B157

 99B19B

 41B147

 ABB1AB

 2FB136

 BDB1BC

 1EB125

 CFB1CD

 0CB114

 E0B1DE

 00B109

 F2B1EF

 FFB1FF

# Harmonies

## Analogous

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



9EA963



76B179



46B59A

# Triad

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



76B179



62A9E7



E68A8A

# Complementary

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



76B179



B176AE

# 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.



E089AC



76B179



9C9DE2

# Square

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



76B179



15B1D9



C791CC



DA936D

# Rectangle

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



76B179



1BB5B2



C791CC



E68895

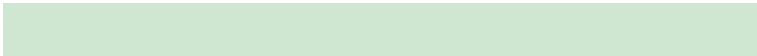


# Sweetspot

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



76B179



CFE6D0



AEB176



657366



F2F2F2



737373



# Same Dimension

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



76B179



8AE68E



76B196



505951



009908



001A01



# Inverse Universe

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



B176AE



E68AE1



B17691



595059



990091



1A0018



# Previews

## White Background



This preview shows how the Hex color 76B179 looks on a white background.

## Color Contrast Check

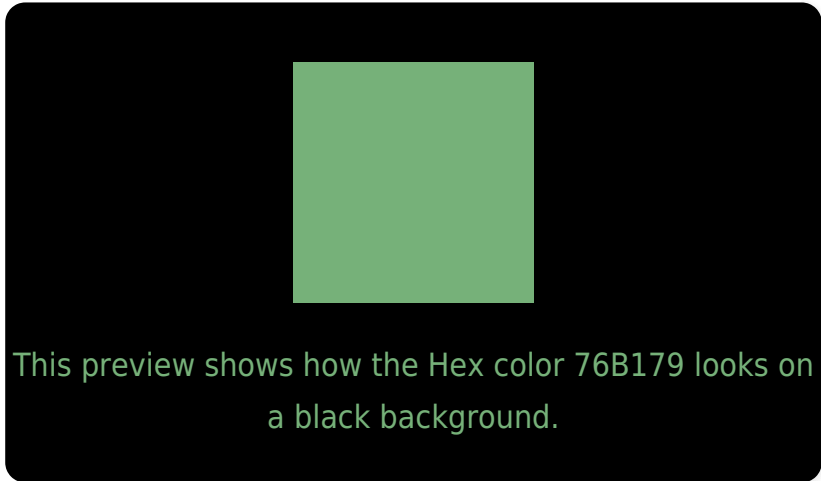
Large Text (above 18pt) WCAG AA × Fail

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

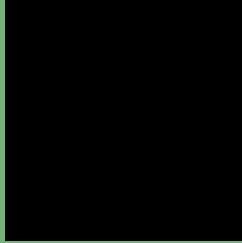
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 76B179 Background



This preview shows how black text looks on a background with the Hex color 76B179.

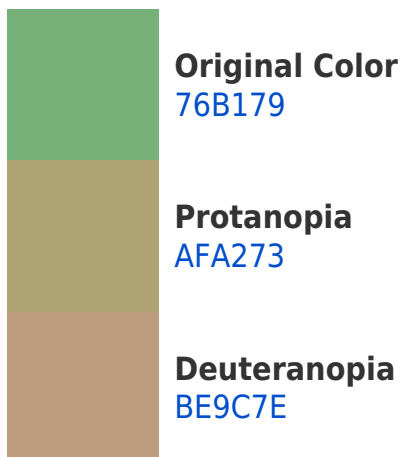


This preview shows how white text looks on a background with the Hex color 76B179.

# 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](#).

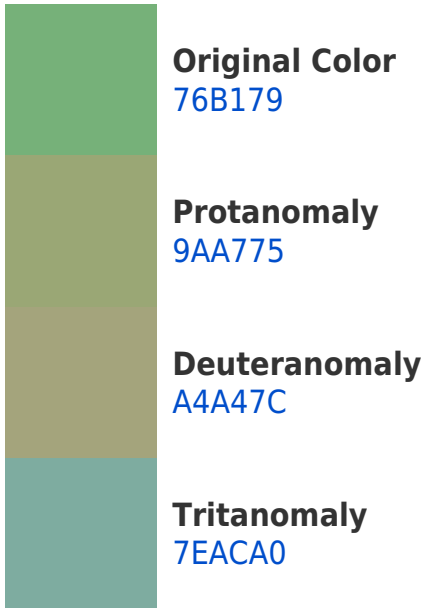
## Dichromacy



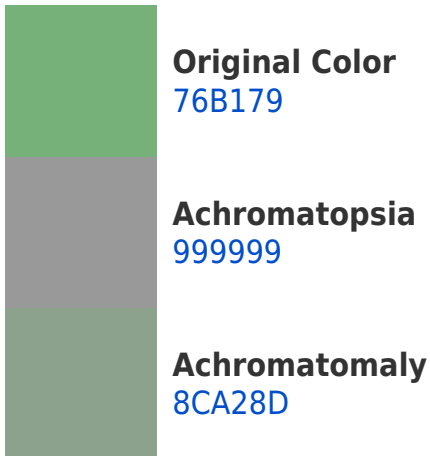


**Tritanopia**  
82A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76B179 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 #76B179 looks like.

```
.text, #text, p{  
    color:#76B179  
}
```

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 #76B179 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B179
}
```

## Border

The CSS property to change the border of an element to Hex 76B179 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
#76B179 }
```

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

```
.border{ border-color:#76B179 }
```

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

Here you see how a box with a 4 pixel #76B179 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B179; -webkit-box-shadow:4px 4px  
4px 4px #76B179; box-shadow:4px 4px 4px  
4px #76B179 }
```

# Background

The CSS property to change the background color of an element to Hex 76B179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B179 }
```

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

```
.background{ background-color:#76B179 }
```

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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