

# Converting Colors

Hex(76B180)

Have a look what the booklet for  
Hex(76B180) contains.

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# **Color**

**Hex(76B180)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76B180
RGB	118, 177, 128
RGB Percent	46%, 69%, 50%
CMY	0.5373, 0.3059, 0.4980
CMYK	0.33, 0.00, 0.28, 0.31
HSL	130°, 27%, 58%
HSV	130°, 33%, 69%
XYZ	27.0896, 36.8543, 26.1079
YIQ	153.7730, -19.4350, -27.7470

# Conversions

## Conversions Part 2

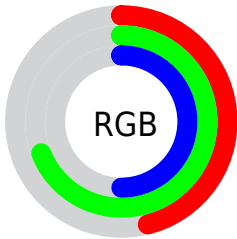
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">118, 168, 177</a>
Decimal	<a href="#">7778688</a>
CIELab	<a href="#">67.17, -29.43, 19.14</a>
CIELCh	<a href="#">67, 35.110, 146.964</a>
Yxy	<a href="#">36.8543, 0.3008, 0.4093</a>
Android (android.graphics.Color)	<a href="#">4285968768 (0xFF76B180)</a>
YUV	<a href="#">153.7730, -12.7061, -31.3729</a>
Hunter-Lab	<a href="#">60.7078, -26.5866, 16.9973</a>

# Details

The Hex color **76B180** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B176A7**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **ACE9B5**, and **437C4F** is the 20% darker color. If you saturate the color by 10%, you get **64B171**, and if you desaturate by 10%, it is **88B18F**.

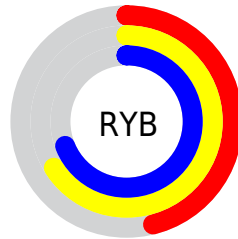
# Distribution



Red (46%)

Green (69%)

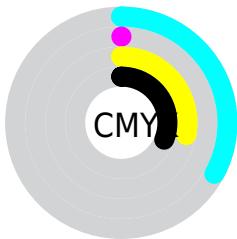
Blue (50%)



Red (46%)

Yellow (66%)

Blue (69%)

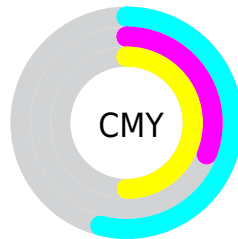


Cyan (33%)

Magenta (0%)

Yellow (28%)

Black (31%)



Cyan (54%)

Magenta (31%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76B180 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 76B180 by changing the saturation by 10% instead.



 76B180

 76B180

FFFFFF

 5C9667

 ACE9B5

 437C4F

 C8FFD1

 296337

 E4FFED

 0D4A21

 00330C

 002000

 000000

 76B180

 76B180

 64B171

 88B18F

 53B163

 99B19D

 41B154

 ABB1AC

 2FB145

 BDB1BB

 1EB137

 CFB1CA

 0CB128

 E0B1D8

 00B11E

 F2B1E7

 FFB1F6

 FFB1FF

# Harmonies

## Analogous

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



9BAA6A



76B180



4DB49F

# Triad

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



76B180



71A8E2



E18D88

# Complementary

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



76B180



B176A7

# 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.



DE8BA8



76B180



A39CDC

# Square

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



76B180



3DB0D8



C892C6



D49670

# Rectangle

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



76B180



32B4B5



C892C6



E28C93



# Sweetspot

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



76B180



CFE6D2



A7B176



657367



F2F2F2



737373



# Same Dimension

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



76B180



8AE699



76B19D



505952



00991A



001A04



# Inverse Universe

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



B176A7



E68AD6



B1768A



595058



99007F



1A0015



# Previews

## White Background



This preview shows how the Hex color 76B180 looks on a white background.

## Color Contrast Check

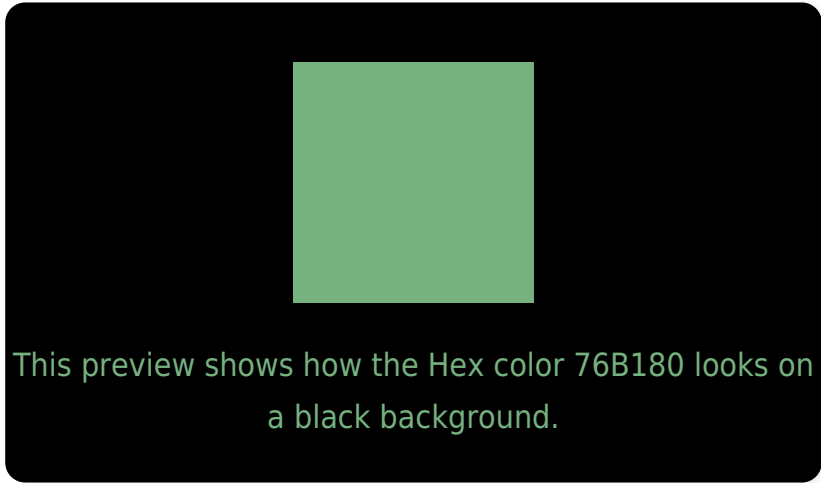
Large Text (above 18pt) WCAG AA × Fail

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

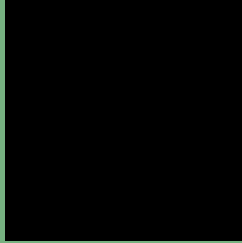
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 76B180 Background



This preview shows how black text looks on a background with the Hex color 76B180.

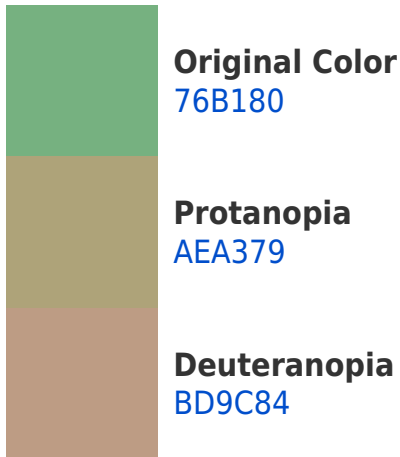


This preview shows how white text looks on a background with the Hex color 76B180.

# 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](#).

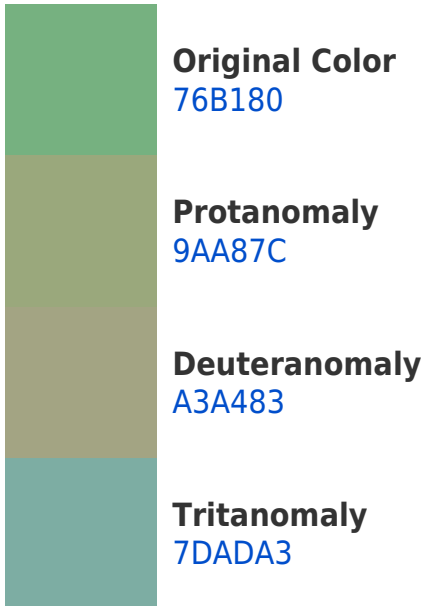
## Dichromacy



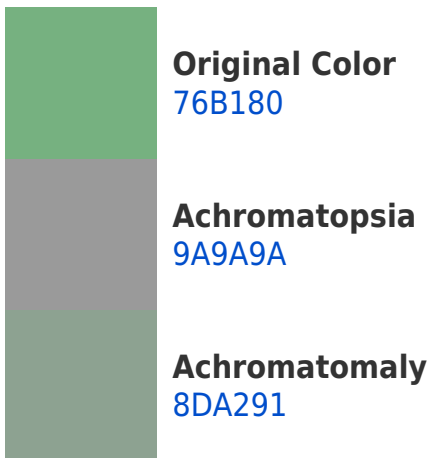


**Tritanopia**  
81AAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76B180 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 #76B180 looks like.

```
.text, #text, p{  
    color:#76B180  
}
```

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 #76B180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B180
}
```

## Border

The CSS property to change the border of an element to Hex 76B180 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
#76B180 }
```

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

```
.border{ border-color:#76B180 }
```

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

Here you see how a box with a 4 pixel #76B180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B180; -webkit-box-shadow:4px 4px  
4px 4px #76B180; box-shadow:4px 4px 4px  
4px #76B180 }
```

# Background

The CSS property to change the background color of an element to Hex 76B180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B180 }
```

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

```
.background{ background-color:#76B180 }
```

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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