

# Converting Colors

Hex(76B78D)

Have a look what the booklet for  
Hex(76B78D) contains.

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**Color**

**Hex(76B78D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76B78D
RGB	118, 183, 141
RGB Percent	46%, 72%, 55%
CMY	0.5373, 0.2824, 0.4471
CMYK	0.36, 0.00, 0.23, 0.28
HSL	141°, 31%, 59%
HSV	141°, 36%, 72%
XYZ	29.2124, 39.6416, 31.3112
YIQ	158.7770, -25.2580, -26.8420

# Conversions

## Conversions Part 2

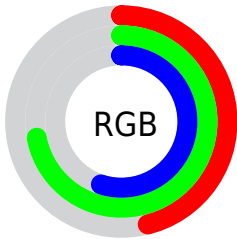
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 166, 183
Decimal	7780237
CIELab	69.21, -29.87, 14.91
CIElCh	69, 33.386, 153.477
Yxy	39.6416, 0.2916, 0.3958
Android (android.graphics.Color)	4285970317 (0xFF76B78D)
YUV	158.7770, -8.7641, -35.7614
Hunter-Lab	62.9616, -27.3638, 14.5878

# Details

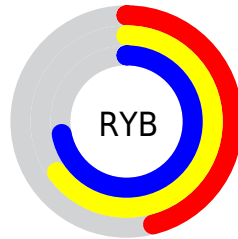
The Hex color **76B78D** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B776A0**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **ACEFC3**, and **42825B** is the 20% darker color. If you saturate the color by 10%, you get **64B781**, and if you desaturate by 10%, it is **88B799**.

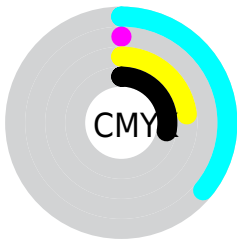
# Distribution



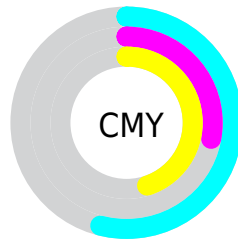
- Red (46%)
- Green (72%)
- Blue (55%)



- Red (46%)
- Yellow (65%)
- Blue (72%)



- Cyan (36%)
- Magenta (0%)
- Yellow (23%)
- Black (28%)



- Cyan (54%)
- Magenta (28%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76B78D 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 76B78D by changing the saturation by 10% instead.



 76B78D

 76B78D

FFFFFF

 5C9C73

 ACEFC3

 42825B

 C8FFDF

 286843

 E5FFFB

 09502D

 003818

 002300

 000000

 76B78D

 76B78D

 64B781

 88B799

 51B775

 9BB7A5

 3FB76A

 ADB7B0

 2DB75E

 BFB7BC

 1AB752

 D2B7C8

 08B746

 E4B7D4

 00B741

 F6B7E0

 FFB7EC

 FFB7F7

# Harmonies

## Analogous

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



9AB176



76B78D



52B9AC

# Triad

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



76B78D



85ABE5



E39589

# Complementary

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



76B78D



B776A0

# 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.



E392A7



76B78D



B1A0DB

# Square

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



76B78D



56B3DE



D296C5



D49E74

# Rectangle

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



76B78D



40B9C0



D296C5



E59392



# Sweetspot

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



76B78D



D3EDDC



A0B776



68786E



F7F7F7



787878



# Same Dimension

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



76B78D



87EDAB



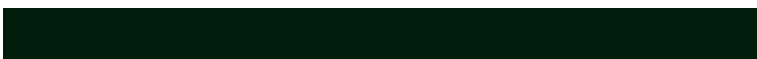
76B7AD



535C56



009C37



001C0A



# Inverse Universe

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



B776A0



ED87C9



B77680



5C5359



9C0065



1C0012



# Previews

## White Background



This preview shows how the Hex color 76B78D looks on a white background.

## Color Contrast Check

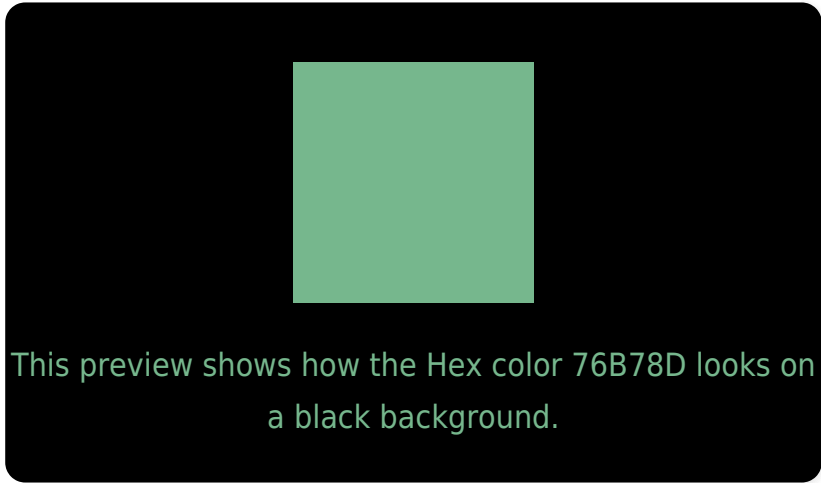
Large Text (above 18pt) WCAG AA × Fail

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

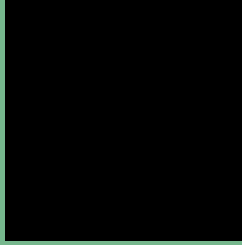
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 76B78D Background



This preview shows how black text looks on a background with the Hex color 76B78D.

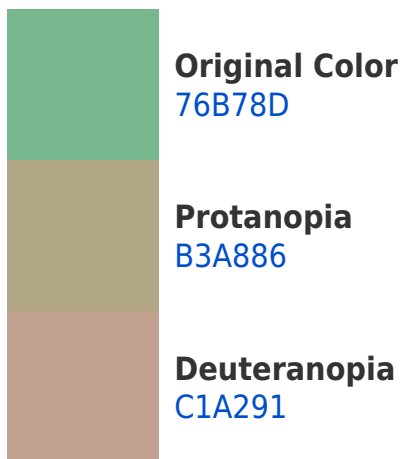


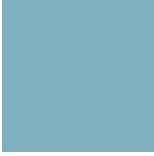
This preview shows how white text looks on a background with the Hex color 76B78D.

# 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](#).

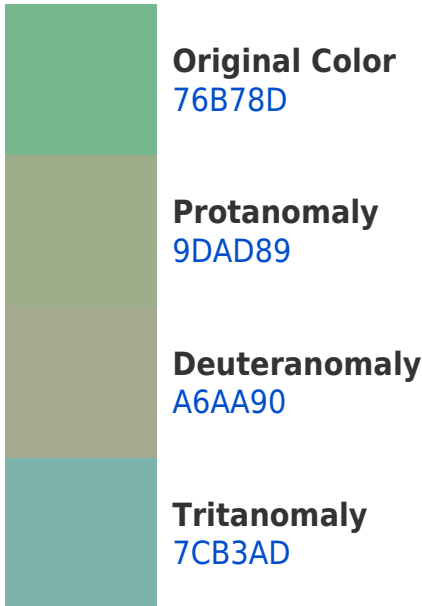
## Dichromacy



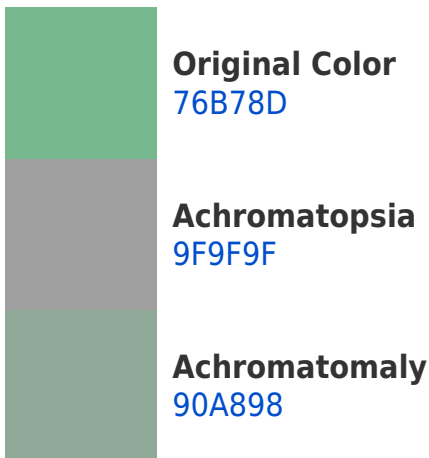


**Tritanopia**  
80B0BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76B78D 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 #76B78D looks like.

```
.text, #text, p{  
    color:#76B78D  
}
```

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 #76B78D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B78D
}
```

## Border

The CSS property to change the border of an element to Hex 76B78D 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
#76B78D }
```

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

```
.border{ border-color:#76B78D }
```

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

Here you see how a box with a 4 pixel #76B78D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B78D; -webkit-box-shadow:4px 4px  
4px 4px #76B78D; box-shadow:4px 4px 4px  
4px #76B78D }
```

# Background

The CSS property to change the background color of an element to Hex 76B78D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B78D }
```

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

```
.background{ background-color:#76B78D }
```

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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