

# Converting Colors

Hex(77B69D)

Have a look what the booklet for  
Hex(77B69D) contains.

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**Color**

**Hex(77B69D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77B69D
RGB	119, 182, 157
RGB Percent	47%, 71%, 62%
CMY	0.5333, 0.2863, 0.3843
CMYK	0.35, 0.00, 0.14, 0.29
HSL	156°, 30%, 59%
HSV	156°, 35%, 71%
XYZ	30.4215, 39.8122, 37.9794
YIQ	160.3130, -29.5230, -21.1310

# Conversions

## Conversions Part 2

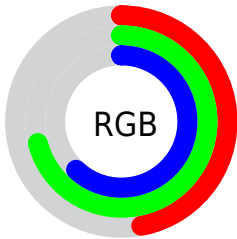
Format	Color
<a href="#">RYB</a>	<a href="#">119, 158, 182</a>
Decimal	<a href="#">7845533</a>
CIELab	<a href="#">69.34, -25.81, 6.34</a>
CIElCh	<a href="#">69, 26.575, 166.188</a>
Yxy	<a href="#">39.8122, 0.2811, 0.3679</a>
Android (android.graphics.Color)	<a href="#">4286035613 (0xFF77B69D)</a>
YUV	<a href="#">160.3130, -1.6333, -36.2315</a>
Hunter-Lab	<a href="#">63.0969, -24.3576, 8.4798</a>

# Details

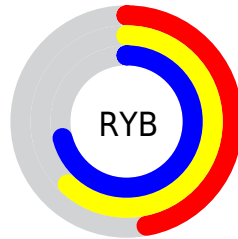
The Hex color **77B69D** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B67790**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **ADEED4**, and **43816A** is the 20% darker color. If you saturate the color by 10%, you get **65B696**, and if you desaturate by 10%, it is **89B6A4**.

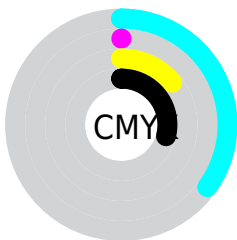
# Distribution



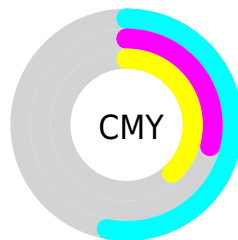
- Red (47%)
- Green (71%)
- Blue (62%)



- Red (47%)
- Yellow (62%)
- Blue (71%)



- Cyan (35%)
- Magenta (0%)
- Yellow (14%)
- Black (29%)



- Cyan (53%)
- Magenta (29%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77B69D 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 77B69D by changing the saturation by 10% instead.



 77B69D

 77B69D

FFFFFF

 5D9B83

 ADEED4

 43816A

 C9FFF0

 296752

 E6FFFF

 0B4F3B

 003825

 002310

 000000

 77B69D

 77B69D

 65B696

 89B6A4

■ 53B68F

■ 9BB6AB

■ 40B687

■ AEB6B3

■ 2EB680

■ C0B6BA

■ 1CB679

■ D2B6C1

■ 0AB672

■ E4B6C8

■ 00B66E

■ F6B6D0

■ FFB6D7

■ FFB6DE

# Harmonies

## Analogous

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



92B287



77B69D



63B7B6

# Triad

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



77B69D



9EA7D7



D59C88

# Complementary

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



77B69D



B67790

# 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.



DA989D



77B69D



BD9FCB

# Square

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



77B69D



7CAFD7



D299B5



C5A47B

# Rectangle

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



77B69D



61B6C5



D299B5



D89A8E



# Sweetspot

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



77B69D



D5EDE4



90B677



697872



F7F7F7



787878



# Same Dimension

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



77B69D



8AEDC6



77B0B6



535C58



009C5E



001C11



# Inverse Universe

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



B67790



ED8AB1



B67D77



5C5356



9C003E



1C000B



# Previews

## White Background



This preview shows how the Hex color 77B69D looks on a white background.

## Color Contrast Check

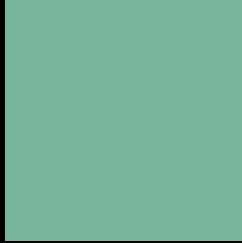
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 77B69D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

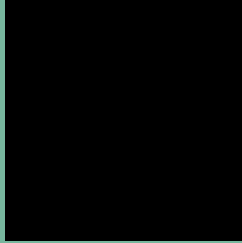
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 77B69D Background



This preview shows how black text looks on a background with the Hex color 77B69D.



This preview shows how white text looks on a background with the Hex color 77B69D.

# 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](#).

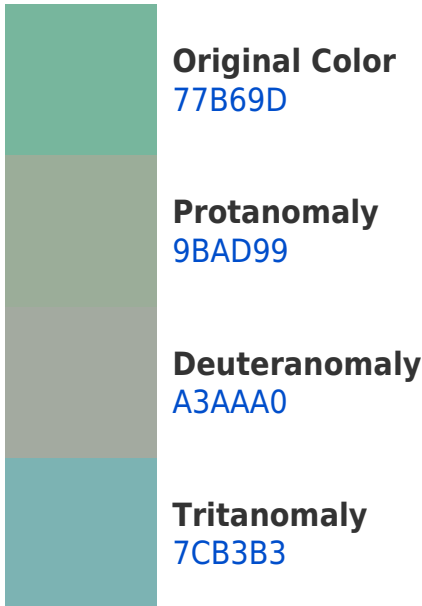
## Dichromacy





**Tritanopia**  
7FB1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77B69D 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 #77B69D looks like.

```
.text, #text, p{  
    color:#77B69D  
}
```

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 #77B69D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77B69D
}
```

## Border

The CSS property to change the border of an element to Hex 77B69D 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
#77B69D }
```

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

```
.border{ border-color:#77B69D }
```

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

Here you see how a box with a 4 pixel #77B69D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77B69D; -webkit-box-shadow:4px 4px  
4px 4px #77B69D; box-shadow:4px 4px 4px  
4px #77B69D }
```

# Background

The CSS property to change the background color of an element to Hex 77B69D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77B69D }
```

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

```
.background{ background-color:#77B69D }
```

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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