

# Converting Colors

Hex(77C59D)

Have a look what the booklet for  
Hex(77C59D) contains.

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**Color**

**Hex(77C59D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77C59D
RGB	119, 197, 157
RGB Percent	47%, 77%, 62%
CMY	0.5333, 0.2275, 0.3843
CMYK	0.40, 0.00, 0.20, 0.23
HSL	149°, 40%, 62%
HSV	149°, 40%, 77%
XYZ	33.6598, 46.2888, 39.0589
YIQ	169.1180, -33.6480, -28.9760

# Conversions

## Conversions Part 2

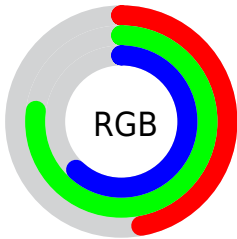
Format	Color
<a href="#">RYB</a>	<a href="#">119, 171, 197</a>
Decimal	<a href="#">7849373</a>
CIELab	<a href="#">73.73, -33.03, 12.60</a>
CIELCh	<a href="#">74, 35.353, 159.114</a>
Yxy	<a href="#">46.2888, 0.2828, 0.3890</a>
Android (android.graphics.Color)	<a href="#">4286039453 (0xFF77C59D)</a>
YUV	<a href="#">169.1180, -5.9742, -43.9535</a>
Hunter-Lab	<a href="#">68.0358, -30.7523, 13.5872</a>

# Details

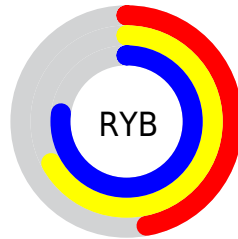
The Hex color **77C59D** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C5779F**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **AEFED4**, and **418F6A** is the 20% darker color. If you saturate the color by 10%, you get **63C593**, and if you desaturate by 10%, it is **8BC5A7**.

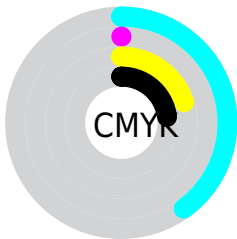
# Distribution



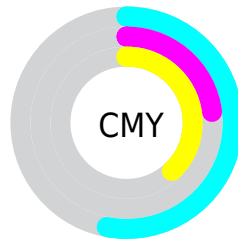
- Red (47%)
- Green (77%)
- Blue (62%)



- Red (47%)
- Yellow (67%)
- Blue (77%)



- Cyan (40%)
- Magenta (0%)
- Yellow (20%)
- Black (23%)



- Cyan (53%)
- Magenta (23%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77C59D 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 77C59D by changing the saturation by 10% instead.



 77C59D

 77C59D

FFFFFF

 5CA983

 AEFED4

 418F6A

 CAFFF0

 257551

 E7FFFF

 005C3A

 004324

 002D10

 001500

 000000

 77C59D

 77C59D

 63C593

 8BC5A7

 50C589

 9EC5B1

 3CC57F

 B2C5BB

 28C575

 C6C5C5

 14C56A

 DAC5D0

 01C560

 EDC5DA

 00C560

 FFC5E4

 FFC5EE

 FFC5F8

# Harmonies

## Analogous

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



9EBF82



77C59D



51C7BE

# Triad

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



77C59D



98B5F5



F1A18E

# Complementary

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



77C59D



C5779F

# 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.



F59CAC



77C59D



C6A9E8

# Square

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



77C59D



65BFF1



E6A0CD



DFAB79

# Rectangle

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



77C59D



42C6D4



E6A0CD



F49F97

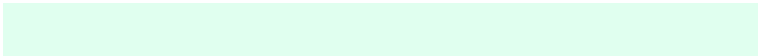


# Sweetspot

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



77C59D



E0FFEF



9FC577



6E8076



000000



808080



# Same Dimension

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



77C59D



85FFC0



77C5C4



5A635E



00A350



002411



# Inverse Universe

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



C5779F



FF85C3



C57778



635A5F



A30054



240012



# Previews

## White Background



This preview shows how the Hex color 77C59D 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 77C59D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

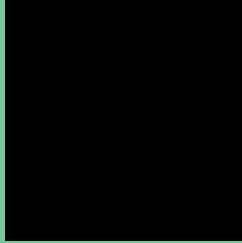
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 77C59D Background



This preview shows how black text looks on a background with the Hex color 77C59D.

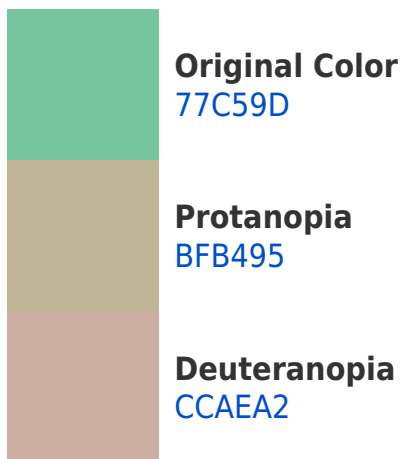


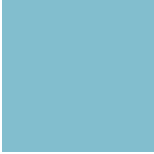
This preview shows how white text looks on a background with the Hex color 77C59D.

# 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



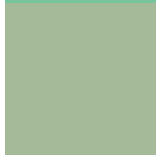


# Trichromacy



**Original Color**

77C59D



**Protanomaly**

A5BA98



**Deuteranomaly**

ADB6A0



**Tritanomaly**

7EC1BC

# Monochromacy



**Original Color**

77C59D



**Achromatopsia**

A9A9A9



**Achromatomaly**

97B3A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77C59D 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 #77C59D looks like.

```
.text, #text, p{  
    color:#77C59D  
}
```

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 #77C59D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77C59D
}
```

## Border

The CSS property to change the border of an element to Hex 77C59D 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
#77C59D }
```

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

```
.border{ border-color:#77C59D }
```

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

Here you see how a box with a 4 pixel #77C59D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77C59D; -webkit-box-shadow:4px 4px  
4px 4px #77C59D; box-shadow:4px 4px 4px  
4px #77C59D }
```

# Background

The CSS property to change the background color of an element to Hex 77C59D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77C59D }
```

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

```
.background{ background-color:#77C59D }
```

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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