

# Converting Colors

Hex(77E79D)

Have a look what the booklet for  
Hex(77E79D) contains.

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# **Color**

**Hex(77E79D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77E79D
RGB	119, 231, 157
RGB Percent	47%, 91%, 62%
CMY	0.5333, 0.0941, 0.3843
CMYK	0.48, 0.00, 0.32, 0.09
HSL	140°, 70%, 69%
HSV	140°, 48%, 91%
XYZ	42.2695, 63.5081, 41.9287
YIQ	189.0760, -42.9980, -46.7580

# Conversions

## Conversions Part 2

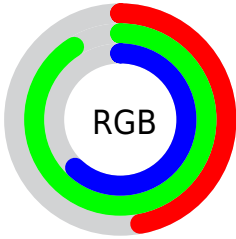
Format	Color
<a href="#">RYB</a>	<a href="#">119, 203, 231</a>
Decimal	<a href="#">7858077</a>
CIELab	<a href="#">83.71, -48.13, 26.41</a>
CIELCh	<a href="#">84, 54.897, 151.249</a>
Yxy	<a href="#">63.5081, 0.2862, 0.4300</a>
Android (android.graphics.Color)	<a href="#">4286048157</a> ( <a href="#">0xFF77E79D</a> )
YUV	<a href="#">189.0760, -15.8135, -61.4567</a>
Hunter-Lab	<a href="#">79.6920, -44.7826, 24.5898</a>

# Details

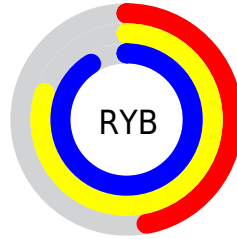
The Hex color **77E79D** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E777C1**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **B1FFD4**, and **3BAF69** is the 20% darker color. If you saturate the color by 10%, you get **60E78E**, and if you desaturate by 10%, it is **8EE7AC**.

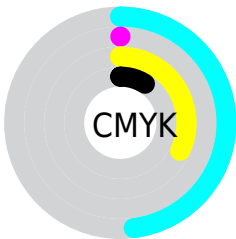
# Distribution



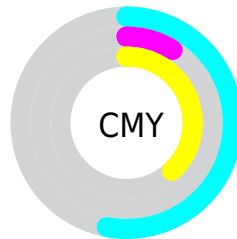
- Red (47%)
- Green (91%)
- Blue (62%)



- Red (47%)
- Yellow (80%)
- Blue (91%)



- Cyan (48%)
- Magenta (0%)
- Yellow (32%)
- Black (9%)



- Cyan (53%)
- Magenta (9%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77E79D 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 77E79D by changing the saturation by 10% instead.



 77E79D

 77E79D

FFFFFF

 5ACA83

 B1FFD4

 3BAF69

 CEFFF0

 139350

 ECFFFF

 007939

 005F22

 00460B

 002F00

 001500

 000000

 77E79D

 77E79D

 60E78E

 8EE7AC

 49E77E

 A5E7BC

 32E76F

 BCE7CB

 1BE760

 D3E7DA

 03E751

 EBE7E9

 00E74E

 FFE7F9

 FFE7FF

# Harmonies

## Analogous

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



B9DD75



77E79D



00EBD1

# Triad

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



77E79D



7DD5FF



FFAB9E

# Complementary

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



77E79D



E777C1

# 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.



FFA6D1



77E79D



D8C2FF

# Square

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



77E79D



00E3FF



FFAFFF



FFBC77

# Rectangle

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



77E79D



00EBF4



FFAFFF



FFA8AE

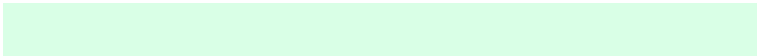


# Sweetspot

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



77E79D



D9FFE6



C2E777



698070



000000



808080



# Same Dimension

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



77E79D



6BFF9D



77E7D4



67736B



00B33D



003311



# Inverse Universe

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



E777C1



FF6BCD



E7778A



73676F



B30076

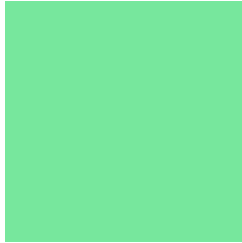


330022



# Previews

## White Background



This preview shows how the Hex color 77E79D 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 77E79D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

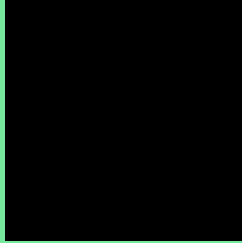
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 77E79D Background



This preview shows how black text looks on a background with the Hex color 77E79D.

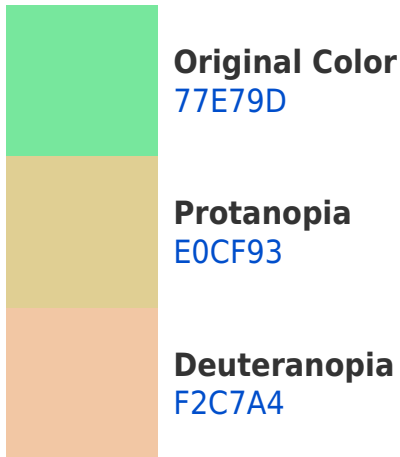


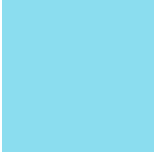
This preview shows how white text looks on a background with the Hex color 77E79D.

# 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**  
8BDDEF

# Trichromacy



**Original Color**  
77E79D



**Protanomaly**  
BAD897



**Deuteranomaly**  
C5D3A1



**Tritanomaly**  
84E1D1

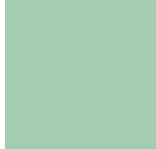
# Monochromacy



**Original Color**  
77E79D



**Achromatopsia**  
BDBDBD



**Achromatomaly**  
A4CCB1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77E79D 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 #77E79D looks like.

```
.text, #text, p{  
    color:#77E79D  
}
```

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 #77E79D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77E79D }  
}
```

## Border

The CSS property to change the border of an element to Hex 77E79D 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 #77E79D }  
}
```

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

```
.border{ border-color:#77E79D }
```

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

Here you see how a box with a 4 pixel #77E79D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77E79D; -webkit-box-shadow:4px 4px  
4px 4px #77E79D; box-shadow:4px 4px 4px  
4px #77E79D }
```

# Background

The CSS property to change the background color of an element to Hex 77E79D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77E79D }
```

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

```
.background{ background-color:#77E79D }
```

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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