

# Converting Colors

Hex(79EA9A)

Have a look what the booklet for  
Hex(79EA9A) contains.

<b>Hex(79EA9A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(79EA9A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79EA9A
RGB	121, 234, 154
RGB Percent	47%, 92%, 60%
CMY	0.5255, 0.0824, 0.3961
CMYK	0.48, 0.00, 0.34, 0.08
HSL	138°, 73%, 70%
HSV	138°, 48%, 92%
XYZ	43.1407, 65.2437, 40.8914
YIQ	191.0930, -41.6680, -48.8360

# Conversions

## Conversions Part 2

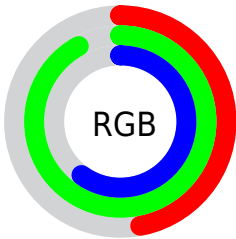
Format	Color
<a href="#">RYB</a>	<a href="#">121, 208, 234</a>
Decimal	<a href="#">7989914</a>
CIELab	<a href="#">84.61, -49.41, 29.17</a>
CIElCh	<a href="#">85, 57.373, 149.443</a>
Yxy	<a href="#">65.2437, 0.2890, 0.4371</a>
Android (android.graphics.Color)	<a href="#">4286179994 (0xFF79EA9A)</a>
YUV	<a href="#">191.0930, -18.2868, -61.4716</a>
Hunter-Lab	<a href="#">80.7736, -46.0179, 26.5261</a>

# Details

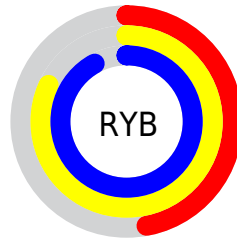
The Hex color **79EA9A** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EA79C9**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B3FFD1**, and **3DB166** is the 20% darker color. If you saturate the color by 10%, you get **62EA89**, and if you desaturate by 10%, it is **90EAAB**.

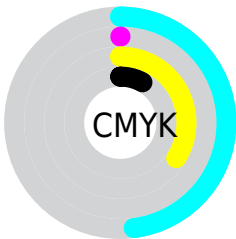
# Distribution



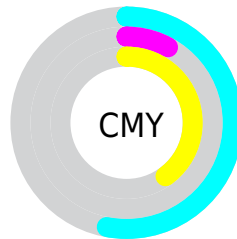
- Red (47%)
- Green (92%)
- Blue (60%)



- Red (47%)
- Yellow (82%)
- Blue (92%)



- Cyan (48%)
- Magenta (0%)
- Yellow (34%)
- Black (8%)



- Cyan (53%)
- Magenta (8%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79EA9A 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 79EA9A by changing the saturation by 10% instead.



 79EA9A

 79EA9A

FFFFFF

 5CCD80

 B3FFD1

 3DB166

 D0FFED

 16964D

 EEEFFF

 007C36

 00621E

 004906

 003100

 001900

 000000

 79EA9A

 79EA9A

 62EA89

 90EAAB

 4AEA79

 A8EABB

 33EA68

 BFEACC

 1BEA58

 D7EADC

 04EA47

 EEEAED

 00EA44

 FFEAFD

 FFEAFF

# Harmonies

## Analogous

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



BDE071



79EA9A



00EFD0

# Triad

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



79EA9A



71D9FF



FFABA1

# Complementary

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



79EA9A



EA79C9

# 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.



FFA6D6



79EA9A



D5C5FF

# Square

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



79EA9A



00E7FF



FFB1FF



FFBC77

# Rectangle

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



79EA9A



00EFF5



FFB1FF



FFA8B2

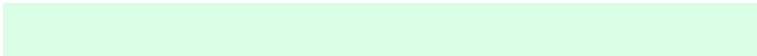


# Sweetspot

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



79EA9A



DBFFE6



CAEA79



6A8070



000000



808080



# Same Dimension

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



79EA9A



6BFF96



79EAD2



6A756D



00B535



003610



# Inverse Universe

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



EA79C9



FF6BD4



EA7991



756A72



B50080

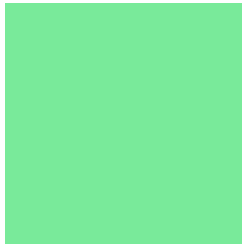


360026



# Previews

## White Background



This preview shows how the Hex color 79EA9A 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 79EA9A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

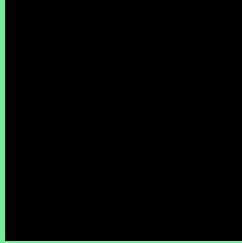
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 79EA9A Background



This preview shows how black text looks on a background with the Hex color 79EA9A.

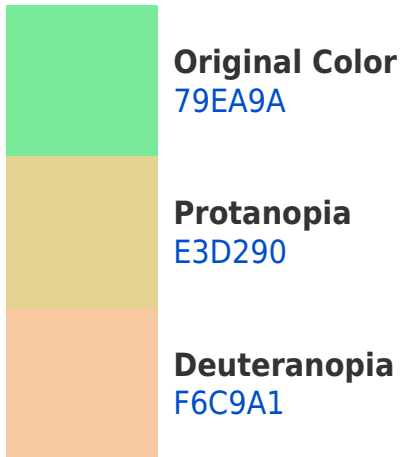


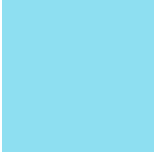
This preview shows how white text looks on a background with the Hex color 79EA9A.

# 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](#).

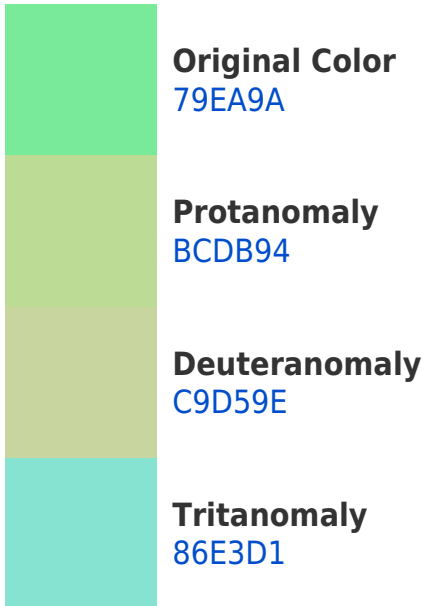
## Dichromacy



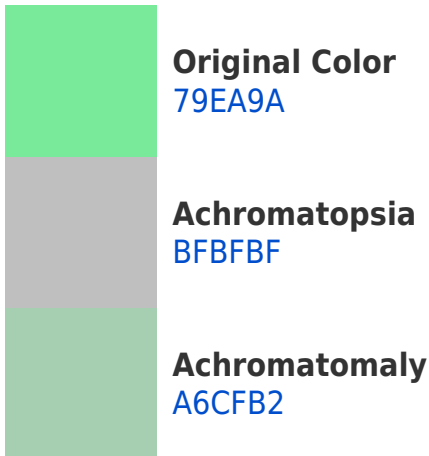


**Tritanopia**  
8EDFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79EA9A 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 #79EA9A looks like.

```
.text, #text, p{  
    color:#79EA9A  
}
```

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 #79EA9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79EA9A
}
```

## Border

The CSS property to change the border of an element to Hex 79EA9A 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
#79EA9A }
```

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

```
.border{ border-color:#79EA9A }
```

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

Here you see how a box with a 4 pixel #79EA9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79EA9A; -webkit-box-shadow:4px 4px  
4px 4px #79EA9A; box-shadow:4px 4px 4px  
4px #79EA9A }
```

# Background

The CSS property to change the background color of an element to Hex 79EA9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79EA9A }
```

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

```
.background{ background-color:#79EA9A }
```

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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