

# Converting Colors

Hex(86C79F)

Have a look what the booklet for  
Hex(86C79F) contains.

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# **Color**

**Hex(86C79F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86C79F
RGB	134, 199, 159
RGB Percent	53%, 78%, 62%
CMY	0.4745, 0.2196, 0.3765
CMYK	0.33, 0.00, 0.20, 0.22
HSL	143°, 37%, 65%
HSV	143°, 33%, 78%
XYZ	36.5129, 48.4184, 40.2221
YIQ	175.0050, -25.9000, -26.2200

# Conversions

## Conversions Part 2

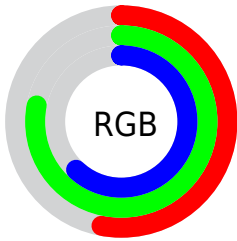
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 181, 199
Decimal	8832927
CIELab	75.09, -29.15, 13.54
CIElCh	75, 32.140, 155.077
Yxy	48.4184, 0.2917, 0.3869
Android (android.graphics.Color)	4287023007 (0xFF86C79F)
YUV	175.0050, -7.8905, -35.9614
Hunter-Lab	69.5833, -28.1052, 14.4362

# Details

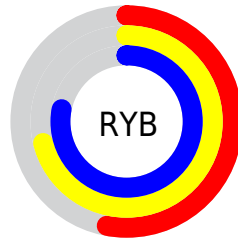
The Hex color **86C79F** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C786AE**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **BDFFD6**, and **52916C** is the 20% darker color. If you saturate the color by 10%, you get **72C793**, and if you desaturate by 10%, it is **9AC7AB**.

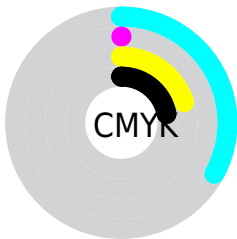
# Distribution



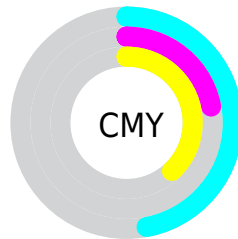
- Red (53%)
- Green (78%)
- Blue (62%)



- Red (53%)
- Yellow (71%)
- Blue (78%)



- Cyan (33%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)



- Cyan (47%)
- Magenta (22%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86C79F 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 86C79F by changing the saturation by 10% instead.





86C79F



86C79F

FFFFFF



6CAB85



BDFFD6



52916C



D9FFF2



387753



F6FFFF



1D5E3C



004626



002F11



001A00



000000



86C79F



86C79F

 72C793

 9AC7AB

 5EC787

 AEC7B7

 4AC77A

 C2C7C4

 36C76E

 D6C7D0

 23C762

 EAC7DC

 0FC756

 FDC7E8

 00C74D

 FFC7F5

 FFC7FF

# Harmonies

## Analogous

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



A9C188



86C79F



66C9BD

# Triad

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



86C79F



9ABAF3



F2A698

# Complementary

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



86C79F



C786AE

# 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.



F3A3B5



86C79F



C4AFE9

# Square

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



86C79F



6FC3EE



E3A6D2



E3AF84

# Rectangle

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



86C79F



5AC9D1



E3A6D2



F4A4A1

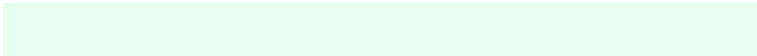


# Sweetspot

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



86C79F



E6FFEF



AEC786



708076



000000



808080

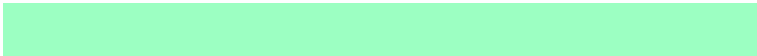


# Same Dimension

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



86C79F



9CFFC2



86C7BF



5A635D



00A33F



00240E



# Inverse Universe

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



C786AE



FF9CD9



C7868E



635A60



A30064

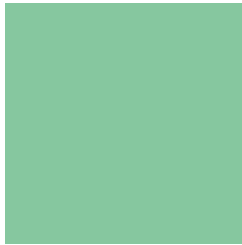


240016



# Previews

## White Background



This preview shows how the Hex color 86C79F looks on a white background.

## Color Contrast Check

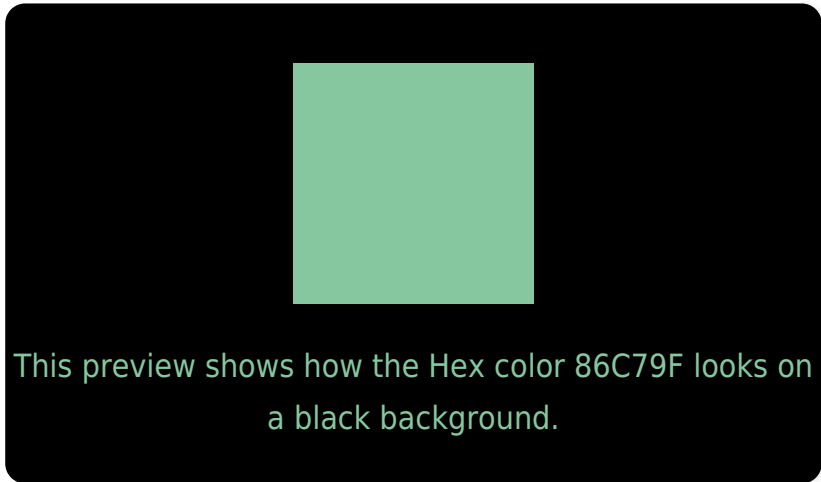
Large Text (above 18pt) WCAG AA × Fail

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

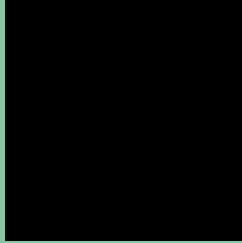
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 86C79F Background



This preview shows how black text looks on a background with the Hex color 86C79F.

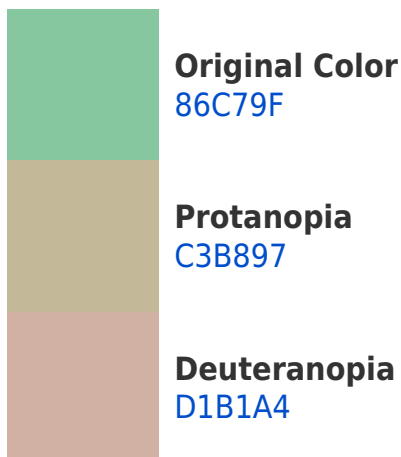


This preview shows how white text looks on a background with the Hex color 86C79F.

# 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](#).

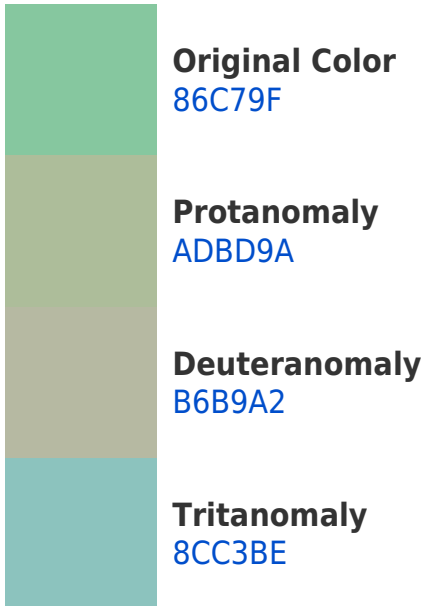
## Dichromacy



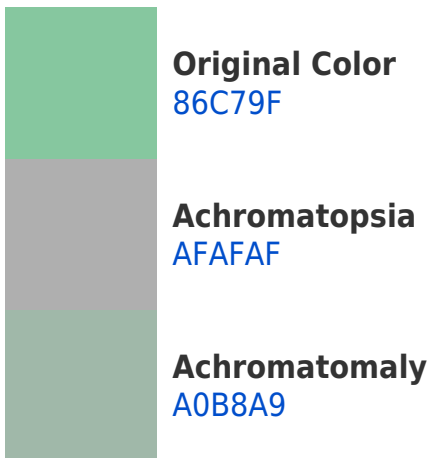


**Tritanopia**  
90C0D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86C79F 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 #86C79F looks like.

```
.text, #text, p{  
    color:#86C79F  
}
```

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 #86C79F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C79F
}
```

## Border

The CSS property to change the border of an element to Hex 86C79F 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
#86C79F }
```

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

```
.border{ border-color:#86C79F }
```

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

Here you see how a box with a 4 pixel #86C79F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C79F; -webkit-box-shadow:4px 4px  
4px 4px #86C79F; box-shadow:4px 4px 4px  
4px #86C79F }
```

# Background

The CSS property to change the background color of an element to Hex 86C79F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C79F }
```

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

```
.background{ background-color:#86C79F }
```

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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