

# Converting Colors

Hex(86CE9E)

Have a look what the booklet for  
Hex(86CE9E) contains.

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# **Color**

**Hex(86CE9E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86CE9E
RGB	134, 206, 158
RGB Percent	53%, 81%, 62%
CMY	0.4745, 0.1922, 0.3804
CMYK	0.35, 0.00, 0.23, 0.19
HSL	140°, 42%, 67%
HSV	140°, 35%, 81%
XYZ	38.0744, 51.6796, 40.3162
YIQ	179.0000, -27.5040, -30.1920

# Conversions

## Conversions Part 2

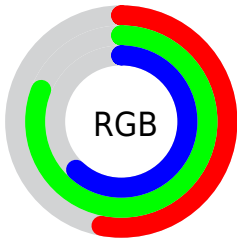
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 188, 206
Decimal	8834718
CIELab	77.09, -32.66, 16.88
CIELCh	77, 36.767, 152.667
Yxy	51.6796, 0.2927, 0.3973
Android (android.graphics.Color)	4287024798 (0xFF86CE9E)
YUV	179.0000, -10.3530, -39.4650
Hunter-Lab	71.8885, -31.2657, 17.0712

# Details

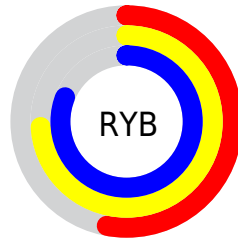
The Hex color **86CE9E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CE86B6**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **BDFFD5**, and **51976A** is the 20% darker color. If you saturate the color by 10%, you get **71CE90**, and if you desaturate by 10%, it is **9BCEAC**.

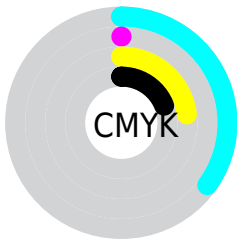
# Distribution



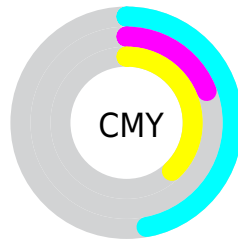
- Red (53%)
- Green (81%)
- Blue (62%)



- Red (53%)
- Yellow (74%)
- Blue (81%)



- Cyan (35%)
- Magenta (0%)
- Yellow (23%)
- Black (19%)



- Cyan (47%)
- Magenta (19%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86CE9E 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 86CE9E by changing the saturation by 10% instead.




 86CE9E

 86CE9E

FFFFFF

 6BB284

 BDFFD5

 51976A

 DAFFF1

 377D52

 F7FFFF

 1A643B

 004B25

 003410

 002000

 000000

 86CE9E

 86CE9E

 71CE90

 9BCEAC

 5DCE83

 AFCEB9

 48CE75

 C4CEC7

 34CE67

 D8CED5

 1FCE59

 EDCEE3

 0ACE4C

 FFCEF0

 00CE45

 FFCEFE

 FFCEFF

# Harmonies

## Analogous

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



AEC784



86CE9E



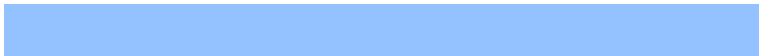
5DD1C0

# Triad

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



86CE9E



94C1FF



FFA89B

# Complementary

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



86CE9E



CE86B6

# 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.



FFA4BD



86CE9E



C7B4F8

# Square

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



86CE9E



60CAFA



ECA9DE



EFB283

# Rectangle

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



86CE9E



48D1D7



ECA9DE



FFA6A6



# Sweetspot

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



86CE9E



E6FFEE



B6CE86



708075



000000



808080

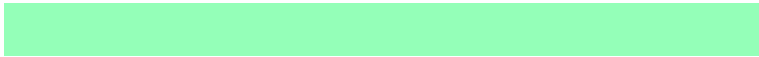


# Same Dimension

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



86CE9E



94FFB8



86CEC2



5C665F



00A637



00260D



# Inverse Universe

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



CE86B6



FF94DB



CE8692



665C63



A6006F



26001A



# Previews

## White Background



This preview shows how the Hex color 86CE9E looks on a white background.

## Color Contrast Check

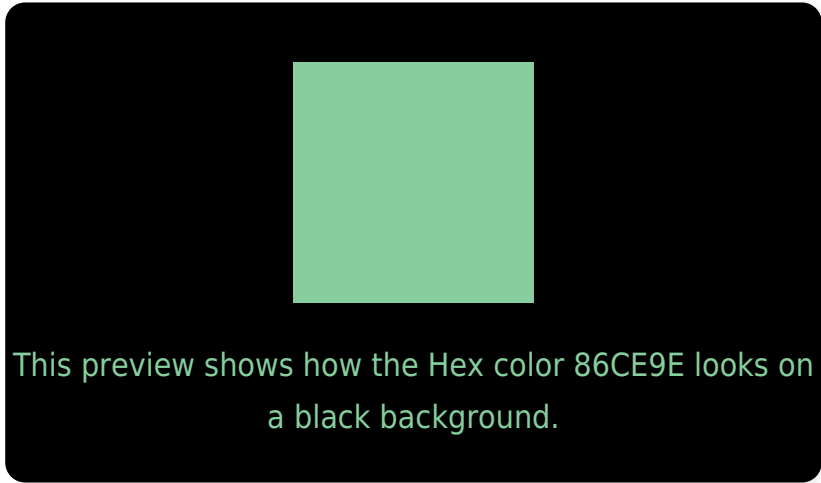
Large Text (above 18pt) WCAG AA × Fail

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 86CE9E Background



This preview shows how black text looks on a background with the Hex color 86CE9E.

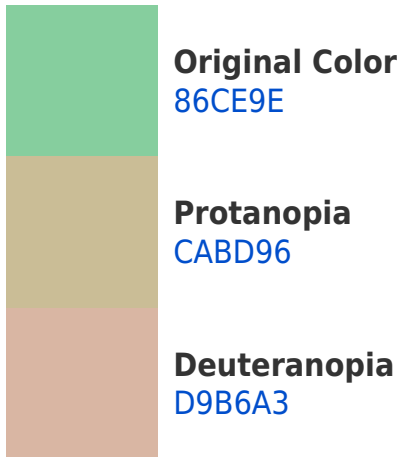


This preview shows how white text looks on a background with the Hex color 86CE9E.

# 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**  
92C6D6

# Trichromacy



**Original Color**  
86CE9E



**Protanomaly**  
B1C399



**Deuteranomaly**  
BBFA1



**Tritanomaly**  
8EC9C2

# Monochromacy



**Original Color**  
86CE9E



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
A3BDAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86CE9E 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 #86CE9E looks like.

```
.text, #text, p{  
    color:#86CE9E  
}
```

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 #86CE9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86CE9E
}
```

## Border

The CSS property to change the border of an element to Hex 86CE9E 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
#86CE9E }
```

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

```
.border{ border-color:#86CE9E }
```

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

Here you see how a box with a 4 pixel #86CE9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86CE9E; -webkit-box-shadow:4px 4px  
4px 4px #86CE9E; box-shadow:4px 4px 4px  
4px #86CE9E }
```

# Background

The CSS property to change the background color of an element to Hex 86CE9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86CE9E }
```

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

```
.background{ background-color:#86CE9E }
```

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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