

# Converting Colors

Hex(86EE98)

Have a look what the booklet for  
Hex(86EE98) contains.

<b>Hex(86EE98)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(86EE98)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86EE98
RGB	134, 238, 152
RGB Percent	53%, 93%, 60%
CMY	0.4745, 0.0667, 0.4039
CMYK	0.44, 0.00, 0.36, 0.07
HSL	130°, 75%, 73%
HSV	130°, 44%, 93%
XYZ	46.0735, 68.4844, 40.4962
YIQ	197.1000, -34.3780, -48.7940

# Conversions

## Conversions Part 2

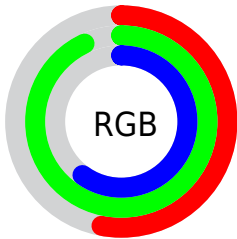
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 223, 238
Decimal	8842904
CIELab	86.25, -47.95, 32.46
CIELCh	86, 57.906, 145.905
Yxy	68.4844, 0.2971, 0.4417
Android (android.graphics.Color)	4287032984 (0xFF86EE98)
YUV	197.1000, -22.2343, -55.3387
Hunter-Lab	82.7553, -45.4429, 28.9152

# Details

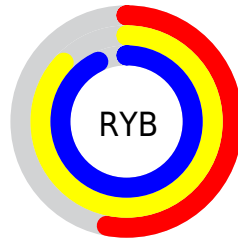
The Hex color **86EE98** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EE86DC**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **BFFF99**, and **4DB564** is the 20% darker color. If you saturate the color by 10%, you get **6EEE84**, and if you desaturate by 10%, it is **9EEEAC**.

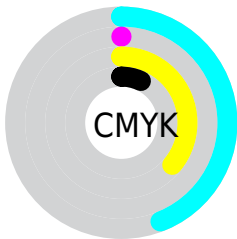
# Distribution



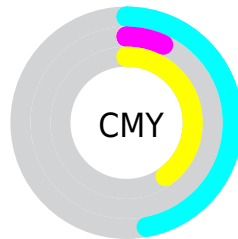
- Red (53%)
- Green (93%)
- Blue (60%)



- Red (53%)
- Yellow (87%)
- Blue (93%)



- Cyan (44%)
- Magenta (0%)
- Yellow (36%)
- Black (7%)



- Cyan (47%)
- Magenta (7%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86EE98 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 86EE98 by changing the saturation by 10% instead.



 86EE98

 86EE98

FFFFFF

 6AD17E

 BFFFCF

 4DB564

 DDFFE8

 2D9A4B

 FAFFFF

 007F33

 00651B

 004C02

 003500

 001E00

 000000

 86EE98

 86EE98

 6EEE84

 9EEEAC

 56EE71

 B6EEBF

 3FEE5D

 CDEED3

 27EE49

 E5EEE7

 0FEE36

 FDEEFA

 00EE29

 FFE EFF

# Harmonies

## Analogous

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



C9E371



86EE98



00F3CE

# Triad

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



86EE98



64E0FF



FFAEAB

# Complementary

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



86EE98



EE86DC

# 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.



FFABE2



86EE98



D0CCFF

# Square

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



86EE98



00EDFF



FFB7FF



FFBE7E

# Rectangle

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



86EE98



00F4F4



FFB7FF



FFABBD

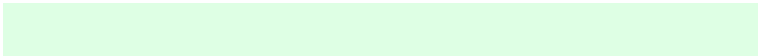


# Sweetspot

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



86EE98



DEFFE4



DDEE86



6B806F



000000



808080



# Same Dimension

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



86EE98



7AFF91



86EECB



6C786E



00B820



00380A



# Inverse Universe

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



EE86DC



FF7AE8



EE86A9



786C76



B80098

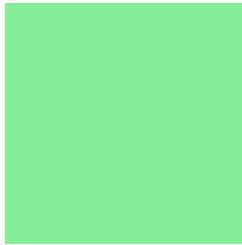


38002E



# Previews

## White Background



This preview shows how the Hex color 86EE98 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 86EE98 Background



This preview shows how black text looks on a background with the Hex color 86EE98.

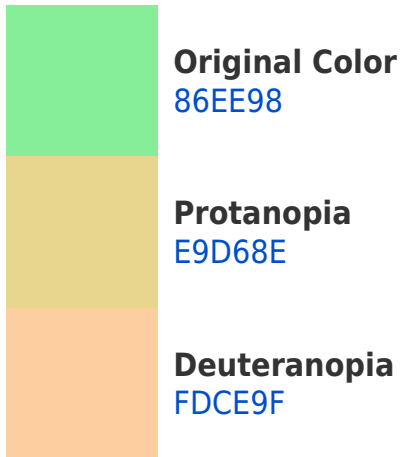


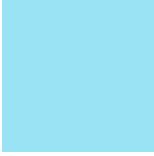
This preview shows how white text looks on a background with the Hex color 86EE98.

# 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**  
9AE3F5

# Trichromacy



**Original Color**  
86EE98



**Protanomaly**  
C5DF92



**Deuteranomaly**  
D2DA9C



**Tritanomaly**  
93E7D3

# Monochromacy



**Original Color**  
86EE98



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
AED4B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86EE98 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 #86EE98 looks like.

```
.text, #text, p{  
    color:#86EE98  
}
```

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 #86EE98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86EE98
}
```

## Border

The CSS property to change the border of an element to Hex 86EE98 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
#86EE98 }
```

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

```
.border{ border-color:#86EE98 }
```

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

Here you see how a box with a 4 pixel #86EE98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86EE98; -webkit-box-shadow:4px 4px  
4px 4px #86EE98; box-shadow:4px 4px 4px  
4px #86EE98 }
```

# Background

The CSS property to change the background color of an element to Hex 86EE98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86EE98 }
```

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

```
.background{ background-color:#86EE98 }
```

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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