

# Converting Colors

Hex(86BF95)

Have a look what the booklet for  
Hex(86BF95) contains.

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# **Color**

**Hex(86BF95)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86BF95
RGB	134, 191, 149
RGB Percent	53%, 75%, 58%
CMY	0.4745, 0.2510, 0.4157
CMYK	0.30, 0.00, 0.22, 0.25
HSL	136°, 31%, 64%
HSV	136°, 30%, 75%
XYZ	33.8871, 44.4999, 35.2371
YIQ	169.1690, -20.4900, -25.1460

# Conversions

## Conversions Part 2

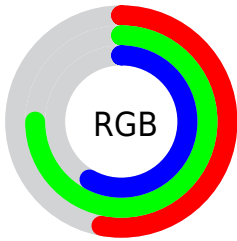
Format	Color
<a href="#">RYB</a>	<a href="#">134, 179, 191</a>
Decimal	<a href="#">8830869</a>
CIELab	<a href="#">72.56, -27.19, 15.38</a>
CIELCh	<a href="#">73, 31.236, 150.503</a>
Yxy	<a href="#">44.4999, 0.2982, 0.3916</a>
Android (android.graphics.Color)	<a href="#">4287020949 (0xFF86BF95)</a>
YUV	<a href="#">169.1690, -9.9433, -30.8432</a>
Hunter-Lab	<a href="#">66.7082, -26.0631, 15.3772</a>

# Details

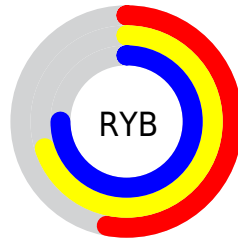
The Hex color **86BF95** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BF86B0**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **BCF8CB**, and **528962** is the 20% darker color. If you saturate the color by 10%, you get **73BF87**, and if you desaturate by 10%, it is **99BFA3**.

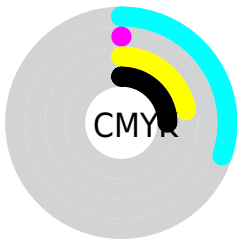
# Distribution



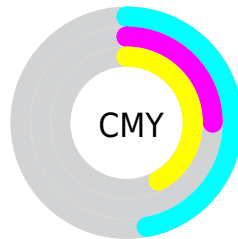
- Red (53%)
- Green (75%)
- Blue (58%)



- Red (53%)
- Yellow (70%)
- Blue (75%)



- Cyan (30%)
- Magenta (0%)
- Yellow (22%)
- Black (25%)



- Cyan (47%)
- Magenta (25%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86BF95 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 86BF95 by changing the saturation by 10% instead.





86BF95



86BF95

FFFFFF



6CA47B



BCF8CB



528962



D9FFE7



39704A



F6FFFF



205733



023F1E



002906



001000



000000



86BF95



86BF95

 73BF87

 99BFA3

 60BF79

 ACBFB1

 4DBF6B

 BFBFBF

 3ABF5D

 D2BFCD

 26BF4F

 E6BFDB

 13BF41

 F9BFE9

 00BF32

 FFBFF8

 FFBFFF

# Harmonies

## Analogous

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



A7B980



86BF95



66C2B1

# Triad

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



86BF95



8DB4EB



EA9F96

# Complementary

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



86BF95



BF86B0

# 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.



E99DB3



86BF95



B7AAE3

# Square

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



86BF95



66BCE3



D7A1CF



DDA781

# Rectangle

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



86BF95



58C2C5



D7A1CF



EB9D9F

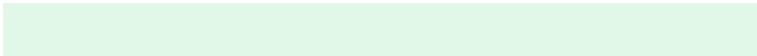


# Sweetspot

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



86BF95



E1F7E7



B1BF86



6F7D73



FCFCFC



7D7D7D



# Same Dimension

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



86BF95



9EF7B6



86BFB1



555E57



009E2A



001F08



# Inverse Universe

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



BF86B0



F79EE0



BF8694



5E555C



9E0074



1F0017



# Previews

## White Background



This preview shows how the Hex color 86BF95 looks on a white background.

## Color Contrast Check

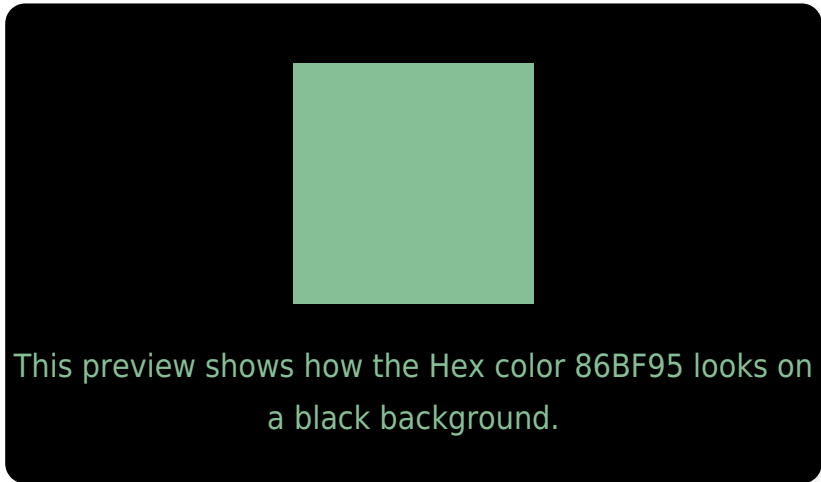
Large Text (above 18pt) WCAG AA × Fail

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

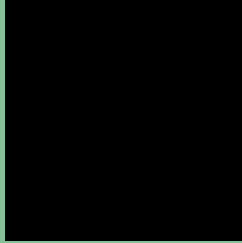
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 86BF95 Background



This preview shows how black text looks on a background with the Hex color 86BF95.



This preview shows how white text looks on a background with the Hex color 86BF95.

# 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](#).

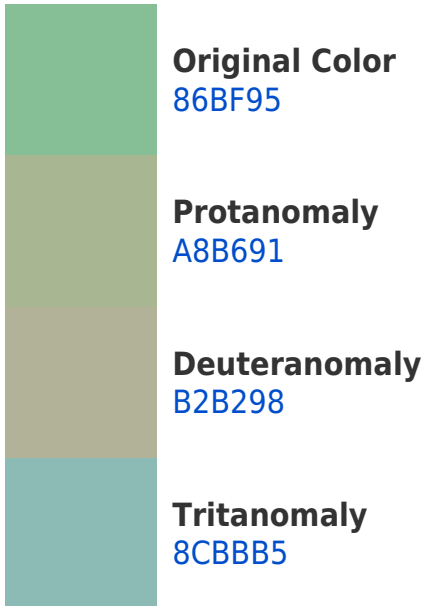
## Dichromacy



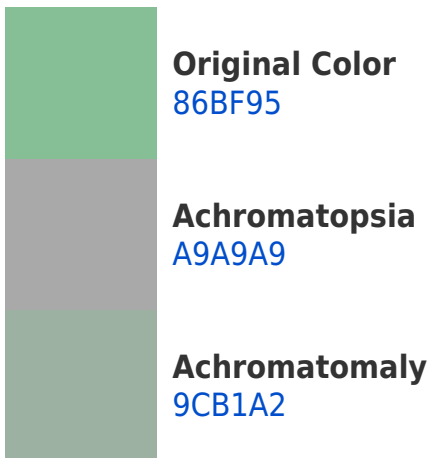


**Tritanopia**  
90B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86BF95 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 #86BF95 looks like.

```
.text, #text, p{  
    color:#86BF95  
}
```

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 #86BF95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86BF95
}
```

## Border

The CSS property to change the border of an element to Hex 86BF95 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
#86BF95 }
```

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

```
.border{ border-color:#86BF95 }
```

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

Here you see how a box with a 4 pixel #86BF95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86BF95; -webkit-box-shadow:4px 4px  
4px 4px #86BF95; box-shadow:4px 4px 4px  
4px #86BF95 }
```

# Background

The CSS property to change the background color of an element to Hex 86BF95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86BF95 }
```

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

```
.background{ background-color:#86BF95 }
```

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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