

# Converting Colors

Hex(89CC95)

Have a look what the booklet for  
Hex(89CC95) contains.

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# **Color**

**Hex(89CC95)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89CC95
RGB	137, 204, 149
RGB Percent	54%, 80%, 58%
CMY	0.4627, 0.2000, 0.4157
CMYK	0.33, 0.00, 0.27, 0.20
HSL	131°, 40%, 67%
HSV	131°, 33%, 80%
XYZ	37.3342, 50.6740, 36.2471
YIQ	177.6970, -22.2770, -31.3090

# Conversions

## Conversions Part 2

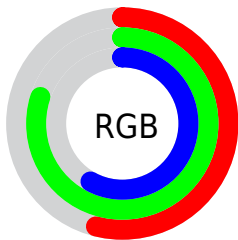
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">137, 194, 204</a>
Decimal	<a href="#">9030805</a>
CIELab	<a href="#">76.48, -32.45, 20.84</a>
CIElCh	<a href="#">76, 38.562, 147.291</a>
Yxy	<a href="#">50.6740, 0.3005, 0.4078</a>
Android (android.graphics.Color)	<a href="#">4287220885 (0xFF89CC95)</a>
YUV	<a href="#">177.6970, -14.1476, -35.6913</a>
Hunter-Lab	<a href="#">71.1857, -30.9584, 19.6400</a>

# Details

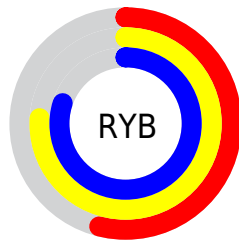
The Hex color **89CC95** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CC89C0**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **C0FFCB**, and **549562** is the 20% darker color. If you saturate the color by 10%, you get **75CC84**, and if you desaturate by 10%, it is **9DCCA6**.

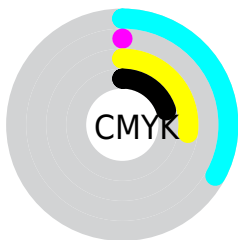
# Distribution



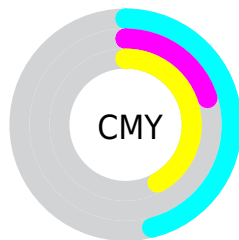
- Red (54%)
- Green (80%)
- Blue (58%)



- Red (54%)
- Yellow (76%)
- Blue (80%)



- Cyan (33%)
- Magenta (0%)
- Yellow (27%)
- Black (20%)



- Cyan (46%)
- Magenta (20%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89CC95 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 89CC95 by changing the saturation by 10% instead.



 89CC95

 89CC95

FFFFFF

 6EB07B

 C0FFCB

 549562

 DDFFE8

 3A7B4A

 FAFFFF

 1F6233

 004A1D

 003205

 001F00

 000000

 89CC95

 89CC95

 75CC84

 9DCCA6

 60CC74

 B2CCB6

 4CCC63

 C6CCC7

 37CC52

 DBCCD8

 23CC41

 EFCCE9

 0FCC31

 FFCCF9

 00CC25

 FFCCFF

# Harmonies

## Analogous

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



B3C47C



89CC95



5CD0B8

# Triad

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



89CC95



85C1FF



FFA49E

# Complementary

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



89CC95



CC89C0

# 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.



FEA1C1



89CC95



BCB5FC

# Square

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



89CC95



4BCAF8



E7A8E4



F4AD82

# Rectangle

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



89CC95



3FD0D1



E7A8E4



FFA2A9

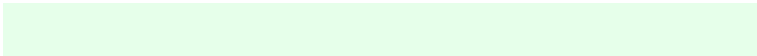


# Sweetspot

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



89CC95



E6FFEA



C1CC89



708073



000000



808080

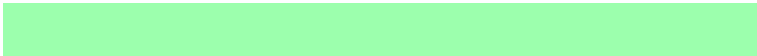


# Same Dimension

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



89CC95



9CFFAD



89CCB6



5C665E



00A61E



002607



# Inverse Universe

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



CC89C0



FF9CED



CC899F



665C64



A60088



26001F



# Previews

## White Background



This preview shows how the Hex color 89CC95 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 89CC95 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

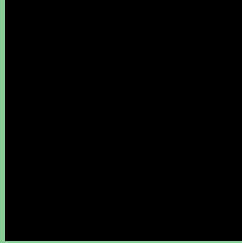
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89CC95 Background



This preview shows how black text looks on a background with the Hex color 89CC95.

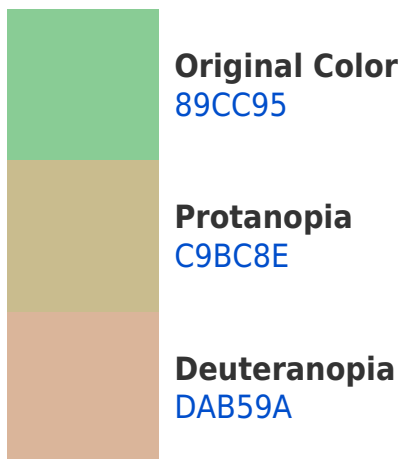


This preview shows how white text looks on a background with the Hex color 89CC95.

# 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



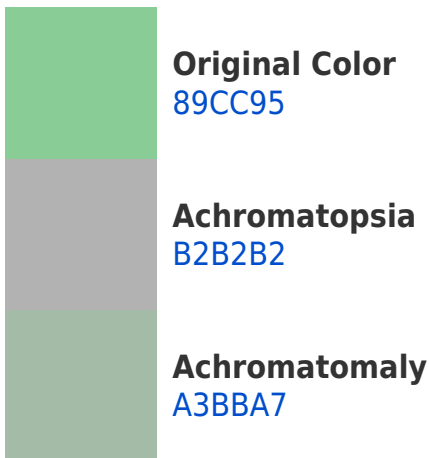


**Tritanopia**  
95C4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89CC95 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 #89CC95 looks like.

```
.text, #text, p{  
    color:#89CC95  
}
```

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 #89CC95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89CC95
}
```

## Border

The CSS property to change the border of an element to Hex 89CC95 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
#89CC95 }
```

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

```
.border{ border-color:#89CC95 }
```

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

Here you see how a box with a 4 pixel #89CC95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89CC95; -webkit-box-shadow:4px 4px  
4px 4px #89CC95; box-shadow:4px 4px 4px  
4px #89CC95 }
```

# Background

The CSS property to change the background color of an element to Hex 89CC95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89CC95 }
```

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

```
.background{ background-color:#89CC95 }
```

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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