

# Converting Colors

Hex(89F199)

Have a look what the booklet for  
Hex(89F199) contains.

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**Color**

**Hex(89F199)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89F199
RGB	137, 241, 153
RGB Percent	54%, 95%, 60%
CMY	0.4627, 0.0549, 0.4000
CMYK	0.43, 0.00, 0.37, 0.05
HSL	129°, 79%, 74%
HSV	129°, 43%, 95%
XYZ	47.5216, 70.5289, 41.2458
YIQ	199.8720, -33.7360, -49.4160

# Conversions

## Conversions Part 2

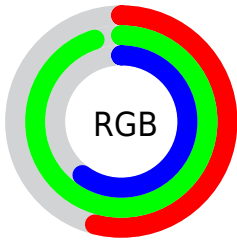
Format	Color
<b>RYB</b>	137, 227, 241
Decimal	9040281
CIELab	87.26, -48.22, 33.32
CIElCh	87, 58.611, 145.361
Yxy	70.5289, 0.2983, 0.4428
Android (android.graphics.Color)	4287230361 (0xFF89F199)
YUV	199.8720, -23.1079, -55.1387
Hunter-Lab	83.9815, -45.9619, 29.6680

# Details

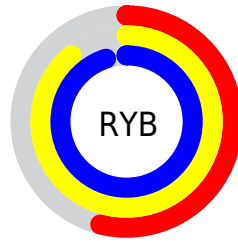
The Hex color **89F199** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F189E1**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **C3FFD0**, and **50B865** is the 20% darker color. If you saturate the color by 10%, you get **71F185**, and if you desaturate by 10%, it is **A1F1AD**.

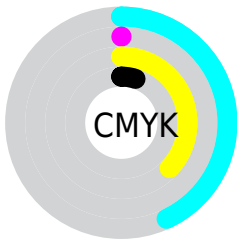
# Distribution



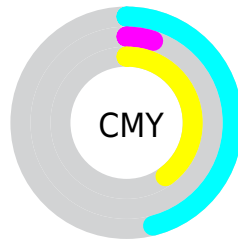
- Red (54%)
- Green (95%)
- Blue (60%)



- Red (54%)
- Yellow (89%)
- Blue (95%)



- Cyan (43%)
- Magenta (0%)
- Yellow (37%)
- Black (5%)



- Cyan (46%)
- Magenta (5%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89F199 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 89F199 by changing the saturation by 10% instead.



 89F199

 89F199

FFFFFF

 6DD47F

 C3FFD0

 50B865

 E0FFED

 309D4C

FEFFFF

 008234

 00681C


 004F02

 003700

 002100

 000000

 89F199

 89F199

 71F185

 A1F1AD

 59F170

 B9F1C2

 41F15C

 D1F1D6

 29F147

 E9F1EB

 10F133

 FFF1FF

 00F125

# Harmonies

## Analogous

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



CDE672



89F199



00F7D0

# Triad

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



89F199



62E3FF



FFB0AE

# Complementary

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



89F199



F189E1

# 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.



FFADE6



89F199



D1CFFF

# Square

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



89F199



00FOFF



FFBAFF



FFC080

# Rectangle

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



89F199



00F7F6



FFBAFF



FFADC0

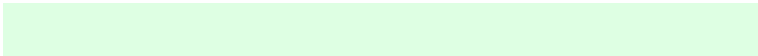


# Sweetspot

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



89F199



DEFFE3



E1F189



6B806E



000000



808080



# Same Dimension

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



89F199



7AFF8F



89F1CD



6C786E



00B81C



003809



# Inverse Universe

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



F189E1



FF7AEB



F189AD



786C76



B8009B

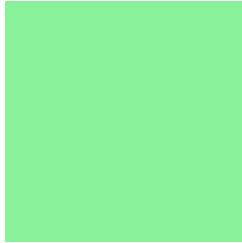


38002F



# Previews

## White Background



This preview shows how the Hex color 89F199 looks on a white background.

## Color Contrast Check

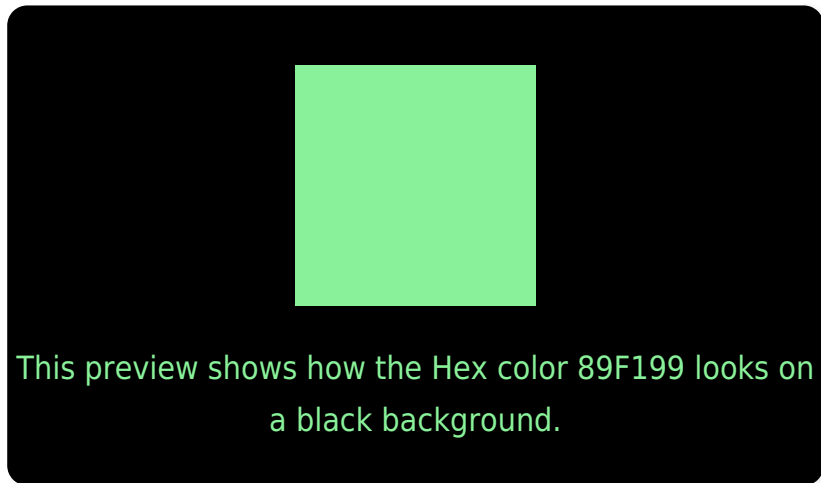
Large Text (above 18pt) WCAG AA × Fail

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

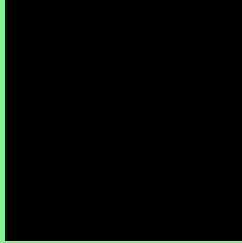
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89F199 Background



This preview shows how black text looks on a background with the Hex color 89F199.

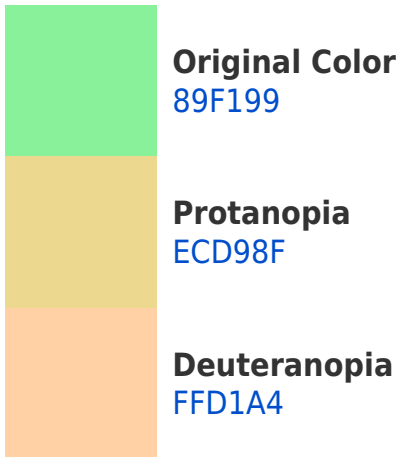


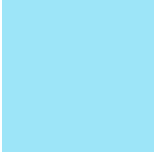
This preview shows how white text looks on a background with the Hex color 89F199.

# 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](#).

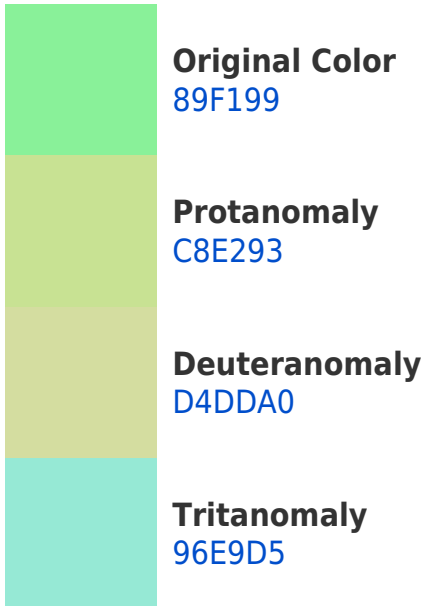
## Dichromacy



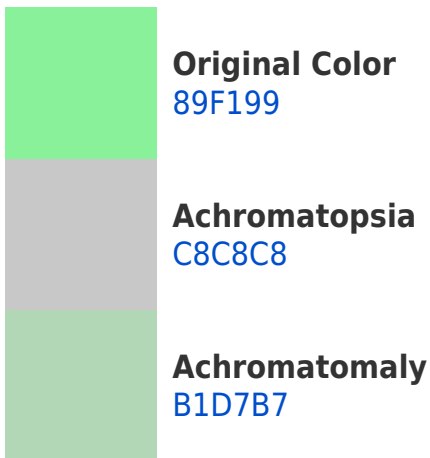


**Tritanopia**  
9DE5F8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89F199 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 #89F199 looks like.

```
.text, #text, p{  
    color:#89F199  
}
```

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 #89F199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89F199
}
```

## Border

The CSS property to change the border of an element to Hex 89F199 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
#89F199 }
```

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

```
.border{ border-color:#89F199 }
```

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

Here you see how a box with a 4 pixel #89F199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89F199; -webkit-box-shadow:4px 4px  
4px 4px #89F199; box-shadow:4px 4px 4px  
4px #89F199 }
```

# Background

The CSS property to change the background color of an element to Hex 89F199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89F199 }
```

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

```
.background{ background-color:#89F199 }
```

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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