

# Converting Colors

Hex(89DF94)

Have a look what the booklet for  
Hex(89DF94) contains.

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# **Color**

**Hex(89DF94)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89DF94
RGB	137, 223, 148
RGB Percent	54%, 87%, 58%
CMY	0.4627, 0.1255, 0.4196
CMYK	0.39, 0.00, 0.34, 0.13
HSL	128°, 57%, 71%
HSV	128°, 39%, 87%
XYZ	42.0495, 60.2318, 37.4266
YIQ	188.7360, -27.1810, -41.5570

# Conversions

## Conversions Part 2

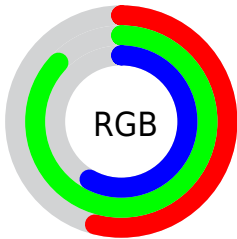
Format	Color
<a href="#">RYB</a>	<a href="#">137, 213, 223</a>
Decimal	<a href="#">9035668</a>
CIELab	<a href="#">81.96, -41.27, 28.80</a>
CIElCh	<a href="#">82, 50.329, 145.088</a>
Yxy	<a href="#">60.2318, 0.3010, 0.4311</a>
Android (android.graphics.Color)	<a href="#">4287225748 (0xFF89DF94)</a>
YUV	<a href="#">188.7360, -20.0828, -45.3725</a>
Hunter-Lab	<a href="#">77.6092, -39.1028, 25.7341</a>

# Details

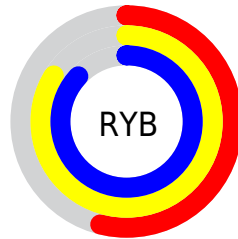
The Hex color **89DF94** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DF89D4**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **C1FFCB**, and **52A761** is the 20% darker color. If you saturate the color by 10%, you get **73DF81**, and if you desaturate by 10%, it is **9FDFA7**.

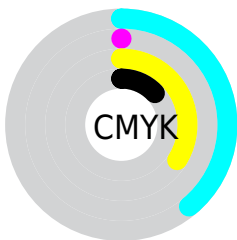
# Distribution



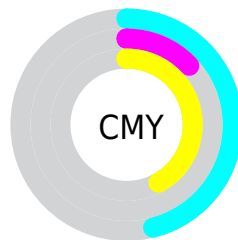
- Red (54%)
- Green (87%)
- Blue (58%)



- Red (54%)
- Yellow (84%)
- Blue (87%)



- Cyan (39%)
- Magenta (0%)
- Yellow (34%)
- Black (13%)



- Cyan (46%)
- Magenta (13%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89DF94 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 89DF94 by changing the saturation by 10% instead.



 89DF94

 89DF94

FFFFFF

 6DC37A

 C1FFCB

 52A761

 DEFFE7

 368C48

 FCFFFF

 157231

 005919

 004101

 002B00

 000D00

 000000

 89DF94

 89DF94

 73DF81

 9FDFA7

 5CDF6D

 B6DFBB

 46DF5A

 CCDFCE

 30DF46

 E2DFE2

 19DF33

 F9DFF5

 03DF1F

 FFDFFF

 00DF1D

# Harmonies

## Analogous

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



C1D574



89DF94



39E4C2

# Triad

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



89DF94



6FD3FF



FFA8A6

# Complementary

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



89DF94



DF89D4

# 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.



FFA6D6



89DF94



C5C2FF

# Square

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



89DF94



00DEFF



FFB1FF



FFB680

# Rectangle

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



89DF94



00E4E3



FFB1FF



FFA6B6

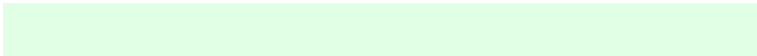


# Sweetspot

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



89DF94



E0FFE4



D5DF89



6E8070



000000



808080



# Same Dimension

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



89DF94



8AFF99



89DFBE



657066



00B017



003006



# Inverse Universe

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



DF89D4



FF8AF0



DF89AA



70656F



B00099

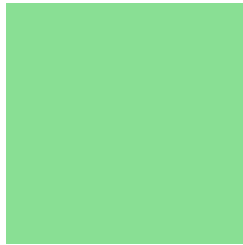


30002A



# Previews

## White Background



This preview shows how the Hex color 89DF94 looks on a white background.

## Color Contrast Check

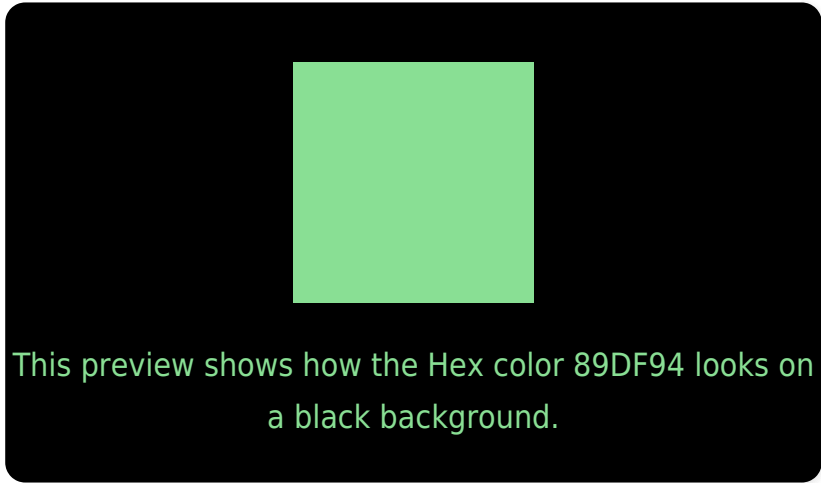
Large Text (above 18pt) WCAG AA × Fail

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

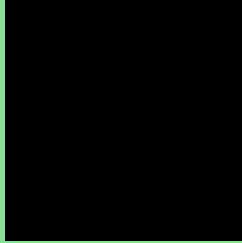
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89DF94 Background



This preview shows how black text looks on a background with the Hex color 89DF94.

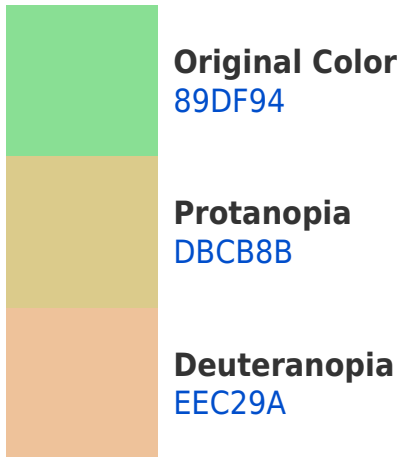


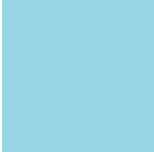
This preview shows how white text looks on a background with the Hex color 89DF94.

# 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**  
9AD5E6

# Trichromacy



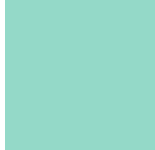
**Original Color**  
89DF94



**Protanomaly**  
BDD28E



**Deuteranomaly**  
C9CD98

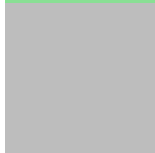


**Tritanomaly**  
94D9C8

# Monochromacy



**Original Color**  
89DF94



**Achromatopsia**  
BDBDBD



**Achromatomaly**  
AAC9AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89DF94 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 #89DF94 looks like.

```
.text, #text, p{  
    color:#89DF94  
}
```

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 #89DF94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89DF94
}
```

## Border

The CSS property to change the border of an element to Hex 89DF94 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
#89DF94 }
```

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

```
.border{ border-color:#89DF94 }
```

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

Here you see how a box with a 4 pixel #89DF94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89DF94; -webkit-box-shadow:4px 4px  
4px 4px #89DF94; box-shadow:4px 4px 4px  
4px #89DF94 }
```

# Background

The CSS property to change the background color of an element to Hex 89DF94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89DF94 }
```

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

```
.background{ background-color:#89DF94 }
```

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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