

# Converting Colors

Hex(89D694)

Have a look what the booklet for  
Hex(89D694) contains.

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# **Color**

**Hex(89D694)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89D694
RGB	137, 214, 148
RGB Percent	54%, 84%, 58%
CMY	0.4627, 0.1608, 0.4196
CMYK	0.36, 0.00, 0.31, 0.16
HSL	129°, 48%, 69%
HSV	129°, 36%, 84%
XYZ	39.7084, 55.5496, 36.6463
YIQ	183.4530, -24.7060, -36.8500

# Conversions

## Conversions Part 2

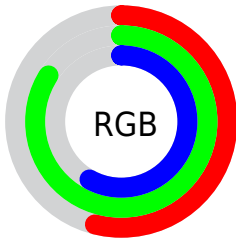
Format	Color
<a href="#">RYB</a>	<a href="#">137, 204, 214</a>
Decimal	<a href="#">9033364</a>
CIELab	<a href="#">79.36, -37.24, 25.29</a>
CIELCh	<a href="#">79, 45.014, 145.819</a>
Yxy	<a href="#">55.5496, 0.3010, 0.4211</a>
Android (android.graphics.Color)	<a href="#">4287223444 (0xFF89D694)</a>
YUV	<a href="#">183.4530, -17.4783, -40.7393</a>
Hunter-Lab	<a href="#">74.5316, -35.3304, 23.0200</a>

# Details

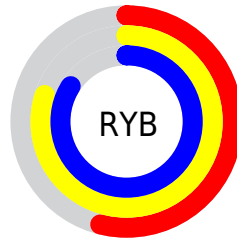
The Hex color **89D694** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D689CB**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **C1FFCA**, and **539F61** is the 20% darker color. If you saturate the color by 10%, you get **74D682**, and if you desaturate by 10%, it is **9ED6A6**.

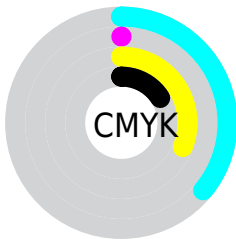
# Distribution



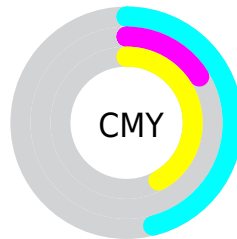
- Red (54%)
- Green (84%)
- Blue (58%)



- Red (54%)
- Yellow (80%)
- Blue (84%)



- Cyan (36%)
- Magenta (0%)
- Yellow (31%)
- Black (16%)



- Cyan (46%)
- Magenta (16%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89D694 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 89D694 by changing the saturation by 10% instead.





89D694



89D694

FFFFFF



6EBA7A



C1FFCA



539F61



DDFFE7



388449



FBFFFF



1B6B31



00521B



003A03



002500



000000



89D694



89D694

 74D682

 9ED6A6

 5ED66F

 B4D6B9

 49D65D

 C9D6CB

 33D64B

 DFD6DD

 1ED638

 F4D6F0

 09D626

 FFD6FF

 00D61F

# Harmonies

## Analogous

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



BBCD77



89D694



4CDABD

# Triad

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



89D694



7ACBFF



FFA6A2

# Complementary

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



89D694



D689CB

# 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.



FFA4CC



89D694



C0BCFF

# Square

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



89D694



0DD5FF



F4ADF4



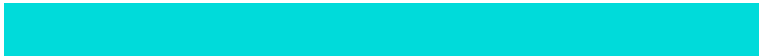
FFB181

# Rectangle

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



89D694



00DBDA



F4ADF4



FFA4B0

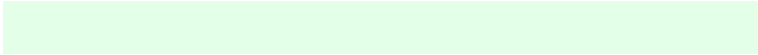


# Sweetspot

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



89D694



E3FFE7



CCD689



6F8071



000000



808080

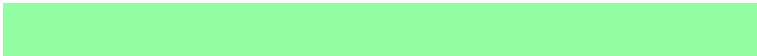


# Same Dimension

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



89D694



91FFA1



89D6BA



606B62



00AB18



002B06



# Inverse Universe

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



D689CB



FF91EF



D689A5



6B606A



AB0092

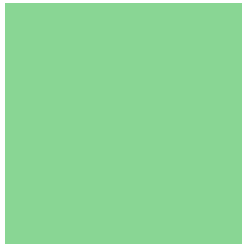


2B0025



# Previews

## White Background



This preview shows how the Hex color 89D694 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 89D694 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

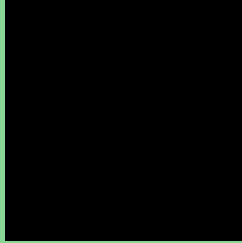
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89D694 Background



This preview shows how black text looks on a background with the Hex color 89D694.

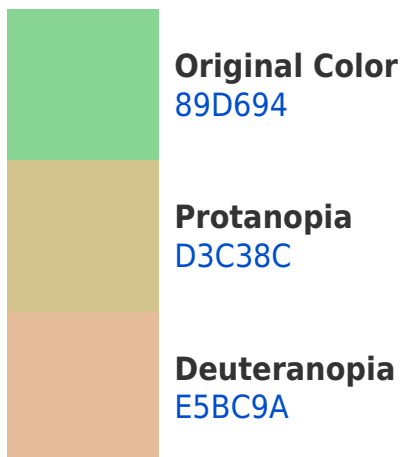


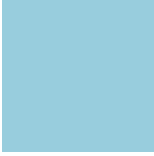
This preview shows how white text looks on a background with the Hex color 89D694.

# 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**  
98CDDD

# Trichromacy



**Original Color**  
89D694



**Protanomaly**  
B8CA8F



**Deuteranomaly**  
C4C598



**Tritanomaly**  
93D0C2

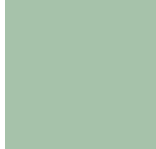
# Monochromacy



**Original Color**  
89D694



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
A6C2AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89D694 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 #89D694 looks like.

```
.text, #text, p{  
    color:#89D694  
}
```

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 #89D694 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89D694
}
```

## Border

The CSS property to change the border of an element to Hex 89D694 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
#89D694 }
```

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

```
.border{ border-color:#89D694 }
```

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

Here you see how a box with a 4 pixel #89D694 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89D694; -webkit-box-shadow:4px 4px  
4px 4px #89D694; box-shadow:4px 4px 4px  
4px #89D694 }
```

# Background

The CSS property to change the background color of an element to Hex 89D694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89D694 }
```

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

```
.background{ background-color:#89D694 }
```

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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