

# Converting Colors

Hex(89F457)

Have a look what the booklet for  
Hex(89F457) contains.

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**Color**

**Hex(89F457)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89F457
RGB	137, 244, 87
RGB Percent	54%, 96%, 34%
CMY	0.4627, 0.0431, 0.6588
CMYK	0.44, 0.00, 0.64, 0.04
HSL	101°, 88%, 65%
HSV	101°, 64%, 96%
XYZ	44.3875, 70.7079, 20.3253
YIQ	194.1090, -13.3750, -71.5110

# Conversions

## Conversions Part 2

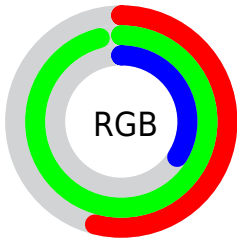
Format	Color
<b>RYB</b>	87, 244, 194
Decimal	9040983
CIELab	87.34, -57.52, 63.87
CIELCh	87, 85.958, 132.004
Yxy	70.7079, 0.3278, 0.5221
Android (android.graphics.Color)	4287231063 (0xFF89F457)
YUV	194.1090, -52.8047, -50.0846
Hunter-Lab	84.0880, -52.9291, 44.5303

# Details

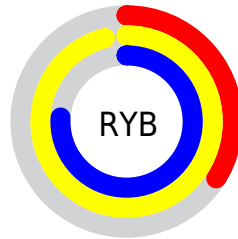
The Hex color **89F457** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **C257F4**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **C4FF8F**, and **4CBB18** is the 20% darker color. If you saturate the color by 10%, you get **78F43F**, and if you desaturate by 10%, it is **9AF46F**.

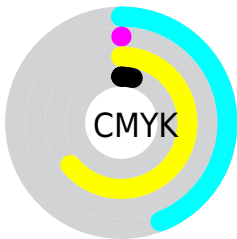
# Distribution



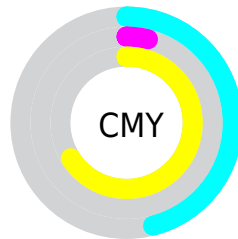
- Red (54%)
- Green (96%)
- Blue (34%)



- Red (34%)
- Yellow (96%)
- Blue (76%)



- Cyan (44%)
- Magenta (0%)
- Yellow (64%)
- Black (4%)



- Cyan (46%)
- Magenta (4%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89F457 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 89F457 by changing the saturation by 10% instead.



 89F457

 89F457

FFFFFF

 6BD73A

 C4FF8F

 4CBB18

 E2FFAB

 289F00

 FFFFC8

 008400

 FFFF E5

 006A00

 005100

 003900

 002100

 000000

 89F457

 89F457

 78F43F

 9AF46F

 68F426

 AAF488

 57F40E

 BBF4A0

 4EF400

 CCF4B9

 DCF4D1

 EDF4E9

 FDF4FF

 FFF4FF

# Harmonies

## Analogous

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



E5E117



89F457



00FEA5

# Triad

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



89F457



00F2FF



FF8ABD

# Complementary

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



89F457



C257F4

# 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.



FF94FF



89F457



68D9FF

# Square

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



89F457



00FEFF



FFB6FF



FFA271

# Rectangle

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



89F457



00FFDE



FFB6FF



FF89D9

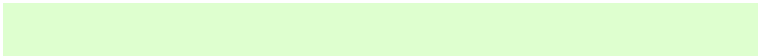


# Sweetspot

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



89F457



DEFFCF



F4C057



6C8062



000000



808080



# Same Dimension

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



89F457



79FF3B



57F471



727A6E



3BBA00



133B00



# Inverse Universe

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



C257F4



C03BFF



F457DA



776E7A



7F00BA

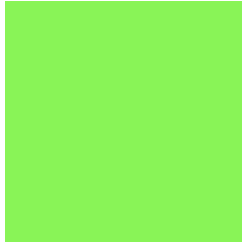


28003B



# Previews

## White Background



This preview shows how the Hex color 89F457 looks on a white background.

## Color Contrast Check

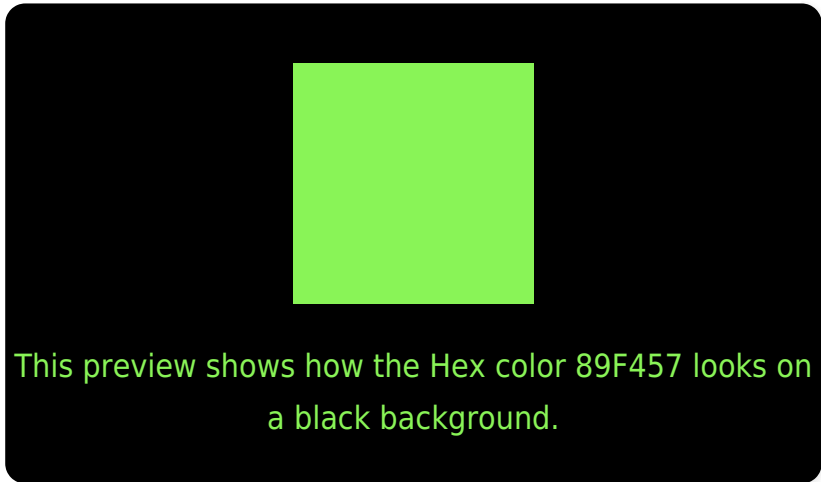
Large Text (above 18pt) WCAG AA × Fail

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

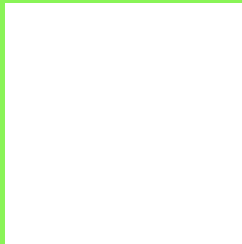
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 89F457 Background



This preview shows how black text looks on a background with the Hex color 89F457.

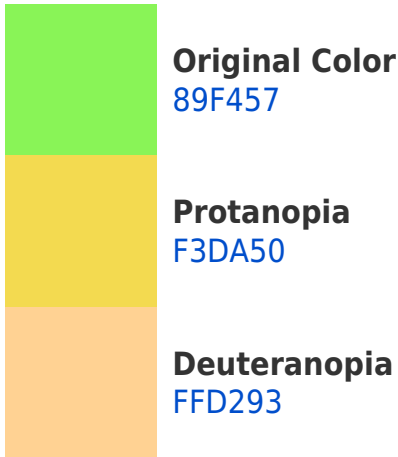


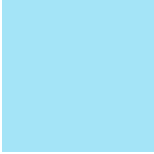
This preview shows how white text looks on a background with the Hex color 89F457.

# 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](#).

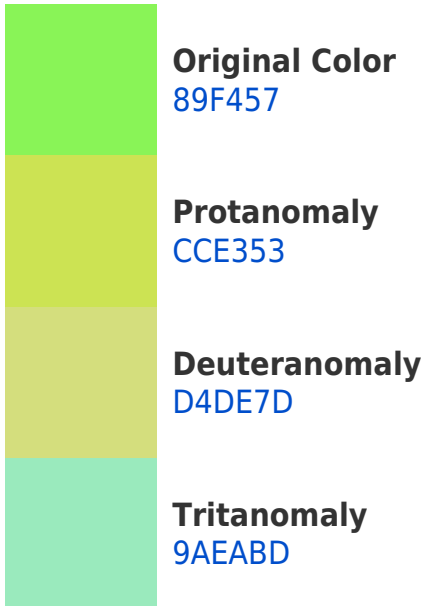
## Dichromacy



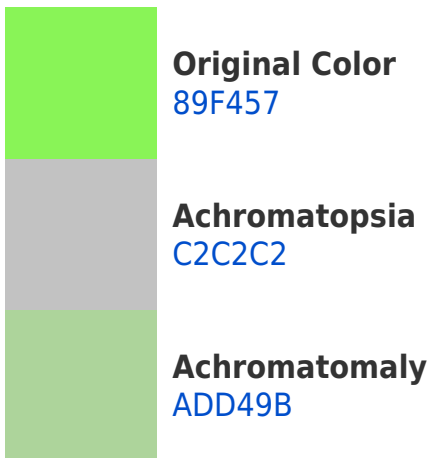


**Tritanopia**  
A4E4F7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89F457 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 #89F457 looks like.

```
.text, #text, p{  
    color:#89F457  
}
```

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 #89F457 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89F457
}
```

## Border

The CSS property to change the border of an element to Hex 89F457 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
#89F457 }
```

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

```
.border{ border-color:#89F457 }
```

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

Here you see how a box with a 4 pixel #89F457 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89F457; -webkit-box-shadow:4px 4px  
4px 4px #89F457; box-shadow:4px 4px 4px  
4px #89F457 }
```

# Background

The CSS property to change the background color of an element to Hex 89F457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89F457 }
```

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

```
.background{ background-color:#89F457 }
```

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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