

Converting Colors

Hex(89FE50)

Have a look what the booklet for
Hex(89FE50) contains.

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Color

Hex(89FE50)

Conversions

Conversions Part 1

Format	Color
Hex	89FE50
RGB	137, 254, 80
RGB Percent	54%, 100%, 31%
CMY	0.4627, 0.0039, 0.6863
CMYK	0.46, 0.00, 0.69, 0.00
HSL	100°, 99%, 65%
HSV	100°, 69%, 100%
XYZ	47.2063, 76.7812, 19.9216
YIQ	199.1810, -13.8780, -78.9180

Conversions

Conversions Part 2

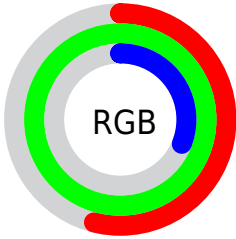
Format	Color
RYB	80, 254, 197
Decimal	9043536
CIELab	90.22, -61.88, 69.60
CIELCh	90, 93.131, 131.642
Yxy	76.7812, 0.3280, 0.5335
Android (android.graphics.Color)	4287233616 (0xFF89FE50)
YUV	199.1810, -58.7562, -54.5327
Hunter-Lab	87.6249, -57.1799, 47.8577

Details

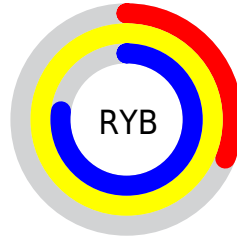
The Hex color **89FE50** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **C550FE**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **C6FF89**, and **4AC400** is the 20% darker color. If you saturate the color by 10%, you get **78FE37**, and if you desaturate by 10%, it is **9AFE69**.

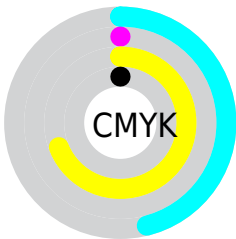
Distribution



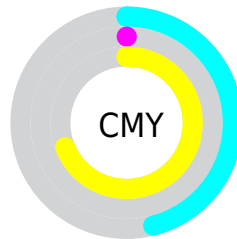
- Red (54%)
- Green (100%)
- Blue (31%)



- Red (31%)
- Yellow (100%)
- Blue (77%)



- Cyan (46%)
- Magenta (0%)
- Yellow (69%)
- Black (0%)



- Cyan (46%)
- Magenta (0%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89FE50 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 89FE50 by changing the saturation by 10% instead.

 89FE50

FFFFFF

 C6FF89

 E4FFA6

 FFFFC3

 FFFFEO

FFFFFFE

 89FE50

 6AE131

 4AC400

 21A800

 008D00

 007300

 005900

 004000

 002800

 000200

 89FE50

 89FE50

 78FE37

 9AFE69

 67FE1D

 ABFE83

 56FE04

 BCFE9C

 53FE00

 CDFEB6

 DEFECF

 EFFEE8

FFFEFF

Harmonies

Analogous

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



EEEA00



89FE50



00FFA7

Triad

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



89FE50



00FCFF



FF88C4

Complementary

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



89FE50



C550FE

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.



FF93FF



89FE50



53E2FF

Square

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



89FE50



00FFFF



FFBBFF



FFA470

Rectangle

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



89FE50



00FFE5



FFBBFF



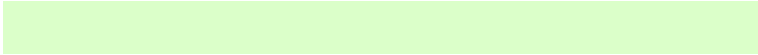
FF87E2

Sweetspot

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



89FE50



DBFFC9



FEC450



6A8060



000000



808080

Same Dimension

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



89FE50



72FF2E



50FE6D



778073



3FBF00



154000

Inverse Universe

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



C550FE



BB2EFF



FE50E1



7B7380



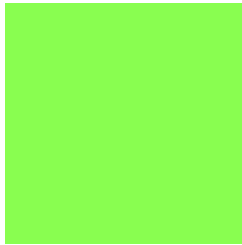
8100BF



2B0040

Previews

White Background



This preview shows how the Hex color 89FE50 looks on a white background.

Color Contrast Check

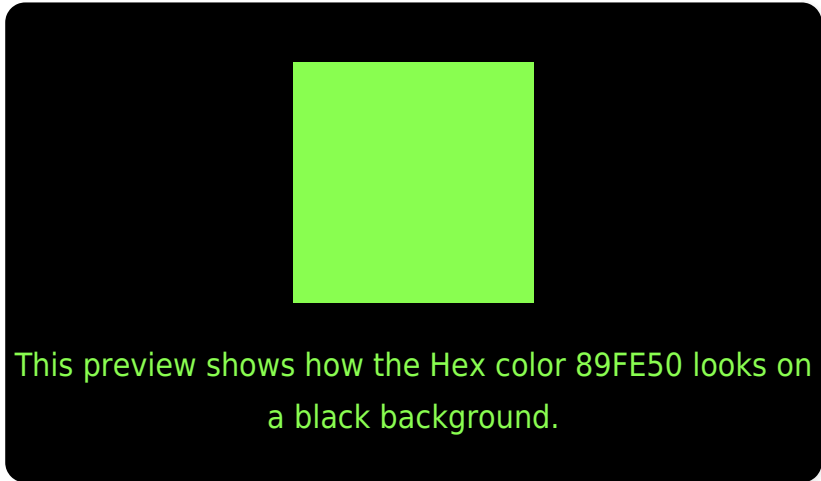
Large Text (above 18pt) WCAG AA × Fail

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

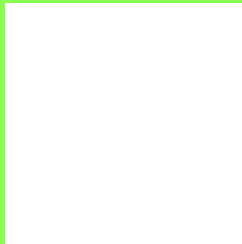
Any Text WCAG AAA ✓ Pass

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

Hex 89FE50 Background



This preview shows how black text looks on a background with the Hex color 89FE50.

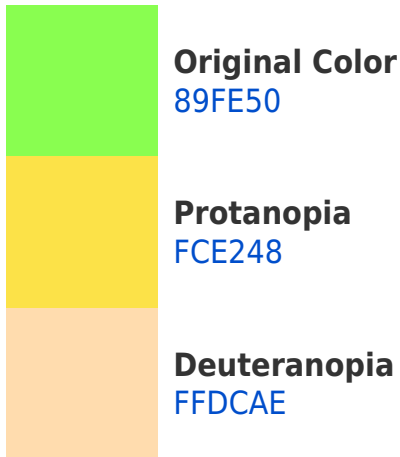


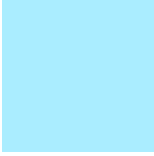
This preview shows how white text looks on a background with the Hex color 89FE50.

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

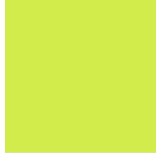




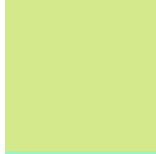
Trichromacy



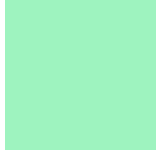
Original Color
89FE50



Protanomaly
D2EC4B

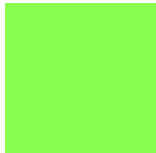


Deuteranomaly
D4E88C

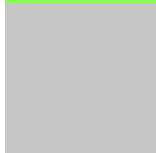


Tritanomaly
9EF3BF

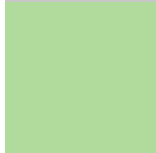
Monochromacy



Original Color
89FE50



Achromatopsia
C7C7C7



Achromatomaly
B0DB9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 89FE50 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 #89FE50 looks like.

```
.text, #text, p{  
    color:#89FE50  
}
```

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 #89FE50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89FE50
}
```

Border

The CSS property to change the border of an element to Hex 89FE50 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
#89FE50 }
```

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

```
.border{ border-color:#89FE50 }
```

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

Here you see how a box with a 4 pixel #89FE50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89FE50; -webkit-box-shadow:4px 4px  
4px 4px #89FE50; box-shadow:4px 4px 4px  
4px #89FE50 }
```

Background

The CSS property to change the background color of an element to Hex 89FE50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89FE50 }
```

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

```
.background{ background-color:#89FE50 }
```

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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