

Converting Colors

Hex(89FF62)

Have a look what the booklet for
Hex(89FF62) contains.

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Color

Hex(89FF62)

Conversions

Conversions Part 1

Format	Color
Hex	89FF62
RGB	137, 255, 98
RGB Percent	54%, 100%, 38%
CMY	0.4627, 0.0000, 0.6157
CMYK	0.46, 0.00, 0.62, 0.00
HSL	105°, 100%, 69%
HSV	105°, 62%, 100%
XYZ	48.2811, 77.7202, 24.0121
YIQ	201.8200, -19.9310, -73.8430

Conversions

Conversions Part 2

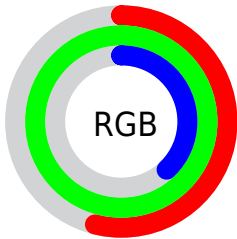
Format	Color
RYB	98, 255, 216
Decimal	9043810
CIELab	90.65, -60.76, 63.05
CIElCh	91, 87.561, 133.940
Yxy	77.7202, 0.3218, 0.5181
Android (android.graphics.Color)	4287233890 (0xFF89FF62)
YUV	201.8200, -51.1833, -56.8471
Hunter-Lab	88.1591, -56.5212, 45.5624

Details

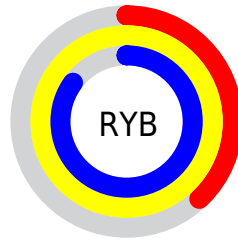
The Hex color **89FF62** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **D862FF**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **C5FF9A**, and **4AC527** is the 20% darker color. If you saturate the color by 10%, you get **76FF49**, and if you desaturate by 10%, it is **9CFF7B**.

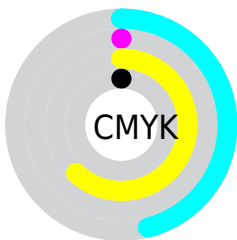
Distribution



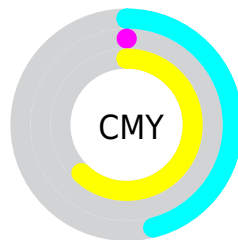
- Red (54%)
- Green (100%)
- Blue (38%)



- Red (38%)
- Yellow (100%)
- Blue (85%)



- Cyan (46%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)



- Cyan (46%)
- Magenta (0%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89FF62 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 89FF62 by changing the saturation by 10% instead.

 89FF62

 89FF62

FFFFFF

 6BE246

 C5FF9A

 4AC527

 E3FFB6


 23A900

 FFFFD3

 008E00

 FFFFF0


 007400

 005A00

 004100

 002A00

 000400

 89FF62

 89FF62

 76FF49

 9CFF7B

 63FF2F

 AFFF95

 50FF16

 C2FFAF

 3FFF00

 D6FFC8

 E9FFE2

 FCFFFB

FFFFFF

Harmonies

Analogous

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



EAEC22



89FF62



00FFB3

Triad

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



89FF62



00FAFF



FF93C1

Complementary

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



89FF62



D862FF

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.



FF9AFF



89FF62



82E0FF

Square

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



89FF62



00FFFF



FFBCFF



FFAD73

Rectangle

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



89FF62



00FFED



FFBCFF



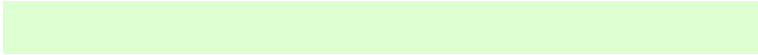
FF91DD

Sweetspot

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



89FF62



DDFFD1



FFD862



6A8063



000000



808080

Same Dimension

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



89FF62



71FF42



62FF89



768073



30BF00



104000

Inverse Universe

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



D862FF



D042FF



FF62D8



7C7380



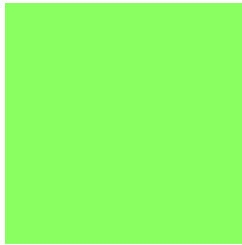
9000BF



300040

Previews

White Background



This preview shows how the Hex color 89FF62 looks on a white background.

Color Contrast Check

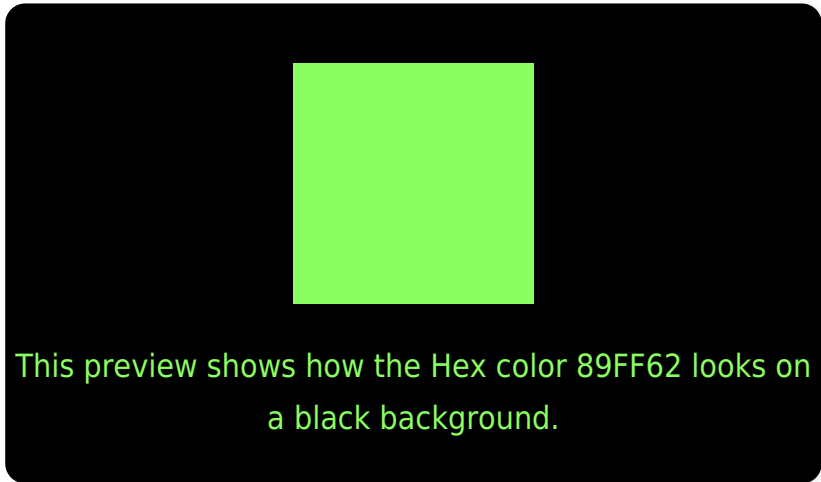
Large Text (above 18pt) WCAG AA × Fail

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

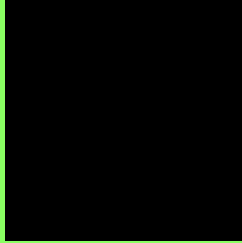
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

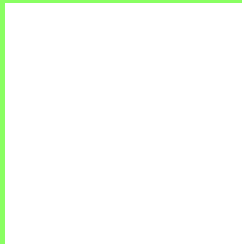
Any Text WCAG AAA ✓ Pass

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

Hex 89FF62 Background



This preview shows how black text looks on a background with the Hex color 89FF62.

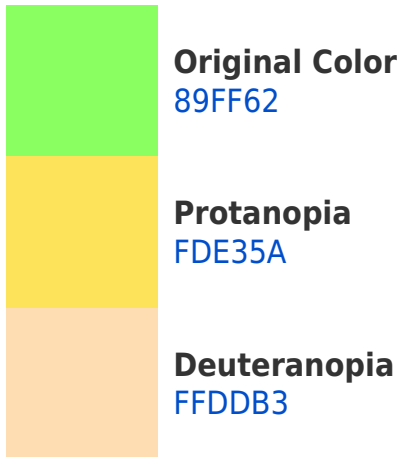


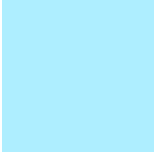
This preview shows how white text looks on a background with the Hex color 89FF62.

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



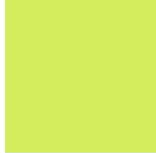


Tritanopia
AEEEFF

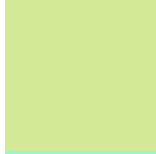
Trichromacy



Original Color
89FF62



Protanomaly
D3ED5D

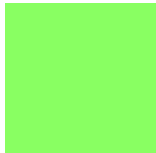


Deuteranomaly
D4E996

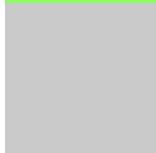


Tritanomaly
A1F4C6

Monochromacy



Original Color
89FF62



Achromatopsia
CACACA



Achromatomaly
B2DDA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 89FF62 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 #89FF62 looks like.

```
.text, #text, p{  
    color:#89FF62  
}
```

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 #89FF62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89FF62
}
```

Border

The CSS property to change the border of an element to Hex 89FF62 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
#89FF62 }
```

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

```
.border{ border-color:#89FF62 }
```

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

Here you see how a box with a 4 pixel #89FF62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89FF62; -webkit-box-shadow:4px 4px  
4px 4px #89FF62; box-shadow:4px 4px 4px  
4px #89FF62 }
```

Background

The CSS property to change the background color of an element to Hex 89FF62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89FF62 }
```

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

```
.background{ background-color:#89FF62 }
```

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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