

Converting Colors

Hex(89F505)

Have a look what the booklet for
Hex(89F505) contains.

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Color

Hex(89F505)

Conversions

Conversions Part 1

Format	Color
Hex	89F505
RGB	137, 245, 5
RGB Percent	54%, 96%, 2%
CMY	0.4627, 0.0392, 0.9804
CMYK	0.44, 0.00, 0.98, 0.04
HSL	87°, 96%, 49%
HSV	87°, 98%, 96%
XYZ	42.9963, 70.6341, 11.5112
YIQ	185.3480, 12.6720, -97.5360

Conversions

Conversions Part 2

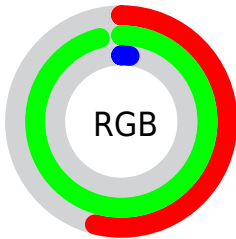
Format	Color
RYB	5, 245, 113
Decimal	9041157
CIELab	87.31, -61.46, 83.55
CIELCh	87, 103.719, 126.341
Yxy	70.6341, 0.3436, 0.5644
Android (android.graphics.Color)	4287231237 (0xFF89F505)
YUV	185.3480, -88.9116, -42.4012
Hunter-Lab	84.0441, -55.7580, 50.7102

Details

The Hex color **89F505** is a dark color, and the websafe version is hex **99FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **7105F5**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **C6FF5C**, and **48BC00** is the 20% darker color. If you saturate the color by 10%, you get **87F500**, and if you desaturate by 10%, it is **94F51E**.

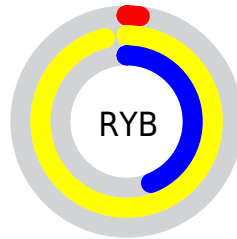
Distribution



Red (54%)

Green (96%)

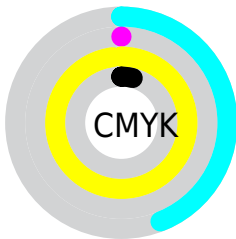
Blue (2%)



Red (2%)

Yellow (96%)

Blue (44%)

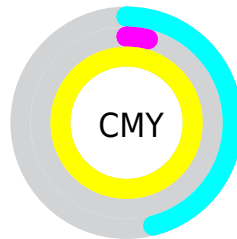


Cyan (44%)

Magenta (0%)

Yellow (98%)

Black (4%)



Cyan (46%)

Magenta (4%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89F505 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 89F505 by changing the saturation by 10% instead.

 89F505

 89F505

FFFFFF

 6AD800


 C6FF5C

 48BC00

 E5FF7B

 1EA000

 FFFF99

 008500

 FFFFB6

 006B00

 FFFFD4

 005100


 FFFFF2

 003900

 002100

 000000

 89F505

 89F505

 87F500

 94F51E

 9FF536

 AAF54F

 B5F567

 C0F580

 CBF598

 D6F5B1

 E1F5C9

 ECF5E2

Harmonies

Analogous

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



F3DD00



89F505



00FF86

Triad

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



89F505



00FAFF



FF67CA

Complementary

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



89F505



7105F5

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.



FF82FF



89F505



00E0FF

Square

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



89F505



00FFFF



F4B6FF



FF886B

Rectangle

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



89F505



00FFCB



F4B6FF



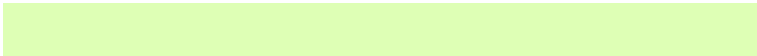
FF6AEB

Sweetspot

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



89F505



DEFFB5



F57105



6B8053



000000



808080

Same Dimension

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



89F505



8CFF00



11F505



757A6E



66BA00



203B00

Inverse Universe

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



7105F5



7300FF



E905F5



746E7A



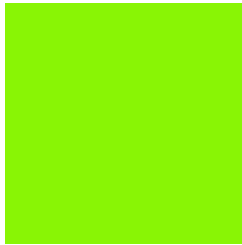
5400BA



1A003B

Previews

White Background



This preview shows how the Hex color 89F505 looks on a white background.

Color Contrast Check

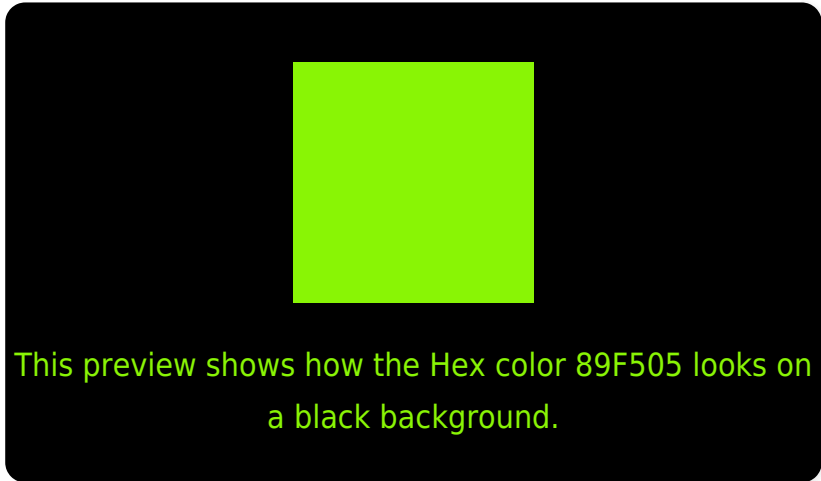
Large Text (above 18pt) WCAG AA × Fail

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

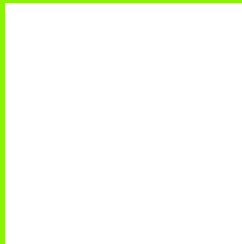
Any Text WCAG AAA ✓ Pass

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

Hex 89F505 Background



This preview shows how black text looks on a background with the Hex color 89F505.

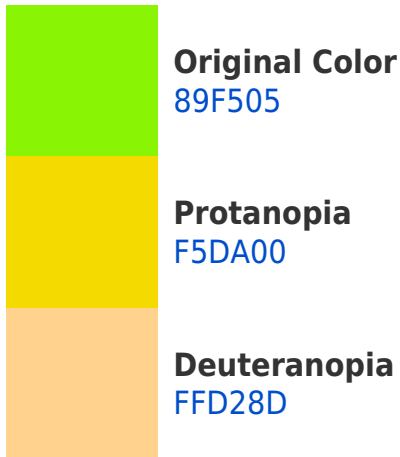


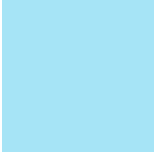
This preview shows how white text looks on a background with the Hex color 89F505.

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](#).

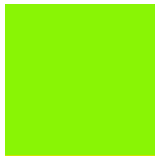
Dichromacy





Tritanopia
A6E4F6

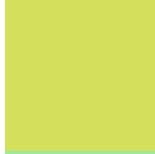
Trichromacy



Original Color
89F505



Protanomaly
CEE402



Deuteranomaly
D4DF5C

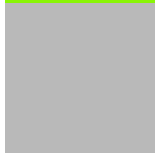


Tritanomaly
9BEA9E

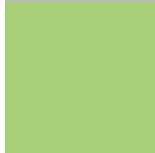
Monochromacy



Original Color
89F505



Achromatopsia
B9B9B9



Achromatomaly
A8CF78

CSS Examples

Text

The CSS property to change the color of the text to Hex 89F505 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 #89F505 looks like.

```
.text, #text, p{  
    color:#89F505  
}
```

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 #89F505 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89F505
}
```

Border

The CSS property to change the border of an element to Hex 89F505 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
#89F505 }
```

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

```
.border{ border-color:#89F505 }
```

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

Here you see how a box with a 4 pixel #89F505 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89F505; -webkit-box-shadow:4px 4px  
4px 4px #89F505; box-shadow:4px 4px 4px  
4px #89F505 }
```

Background

The CSS property to change the background color of an element to Hex 89F505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89F505 }
```

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

```
.background{ background-color:#89F505 }
```

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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