

Converting Colors

Hex(89A6FF)

Have a look what the booklet for
Hex(89A6FF) contains.

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Color

Hex(89A6FF)

Conversions

Conversions Part 1

Format	Color
Hex	89A6FF
RGB	137, 166, 255
RGB Percent	54%, 65%, 100%
CMY	0.4627, 0.3490, 0.0000
CMYK	0.46, 0.35, 0.00, 0.00
HSL	225°, 100%, 77%
HSV	225°, 46%, 100%
XYZ	42.0027, 39.8108, 100.0782
YIQ	167.4750, -45.8530, 21.5310

Conversions

Conversions Part 2

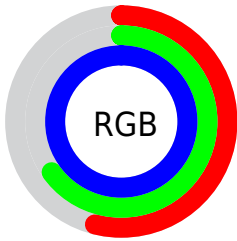
Format	Color
RYB	137, 160, 255
Decimal	9021183
CIELab	69.33, 13.02, -47.33
CIELCh	69, 49.088, 285.387
Yxy	39.8108, 0.2309, 0.2189
Android (android.graphics.Color)	4287211263 (0xFF89A6FF)
YUV	167.4750, 43.1498, -26.7266
Hunter-Lab	63.0958, 8.4094, -49.8747

Details

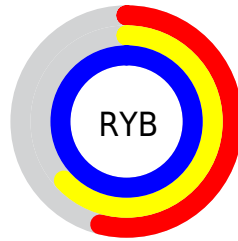
The Hex color **89A6FF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFE289**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **C3DDFF**, and **4F72C6** is the 20% darker color. If you saturate the color by 10%, you get **7093FF**, and if you desaturate by 10%, it is **A3B9FF**.

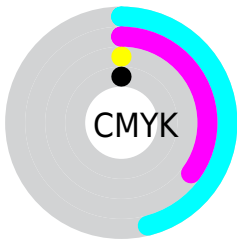
Distribution



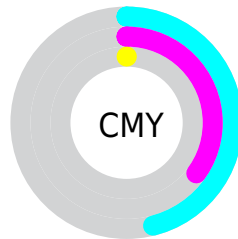
- Red (54%)
- Green (65%)
- Blue (100%)



- Red (54%)
- Yellow (63%)
- Blue (100%)



- Cyan (46%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)




- Cyan (46%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89A6FF 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 89A6FF by changing the saturation by 10% instead.

 89A6FF

 89A6FF

FFFFFF

 6C8CE2

 C3DDFF

 4F72C6

 E0F9FF

 2F5AAA

FEFFFF

 00438F

 002E75


 001A5C

 000044

 00032D

 000117

 89A6FF

 89A6FF

 7093FF

 A3B9FF

 5680FF

 BCCCCF

 3C6CFF

 D6E0FF

 2359FF

 EFF3FF

 0946FF

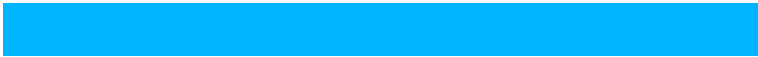
FFFFFF

 003FFF

Harmonies

Analogous

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



00B4FF



89A6FF



CA95E8

Triad

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



89A6FF



F38F6C



32BF91

Complementary

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



89A6FF



FFE289

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.



7CB969



89A6FF



D69F52

Square

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



89A6FF



FE8594



AEAE50



00C0BF

Rectangle

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



89A6FF



E78BCF



AEAE50



51BD83

Sweetspot

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



89A6FF



DBE4FF



89FFE2



6A6F80



000000



808080

Same Dimension

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



89A6FF



7093FF



A789FF



737680



002FBF



001040

Inverse Universe

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



FF89A6



FF7093



E2FF89



807376



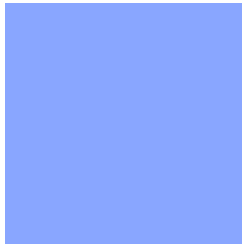
BF002F



400010

Previews

White Background



This preview shows how the Hex color 89A6FF 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

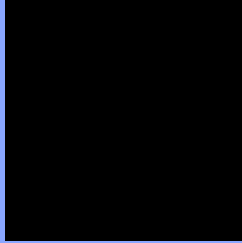
Any Text WCAG AA ✓ Pass

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 89A6FF Background



This preview shows how black text looks on a background with the Hex color 89A6FF.



This preview shows how white text looks on a background with the Hex color 89A6FF.

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



Original Color
89A6FF

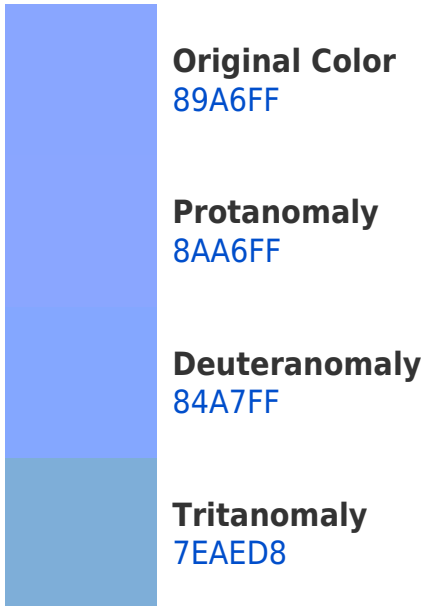
Protanopia
8AA6FF

Deuteranopia
81A8FF

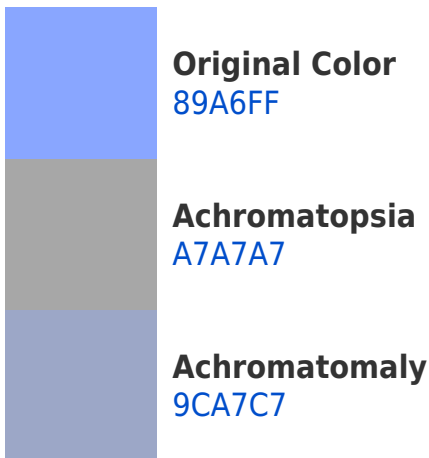


Tritanopia
77B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89A6FF 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 #89A6FF looks like.

```
.text, #text, p{  
    color:#89A6FF  
}
```

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 #89A6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89A6FF
}
```

Border

The CSS property to change the border of an element to Hex 89A6FF 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
#89A6FF }
```

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

```
.border{ border-color:#89A6FF }
```

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

Here you see how a box with a 4 pixel #89A6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89A6FF; -webkit-box-shadow:4px 4px  
4px 4px #89A6FF; box-shadow:4px 4px 4px  
4px #89A6FF }
```

Background

The CSS property to change the background color of an element to Hex 89A6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89A6FF }
```

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

```
.background{ background-color:#89A6FF }
```

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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