

Converting Colors

Hex(8AA0F9)

Have a look what the booklet for
Hex(8AA0F9) contains.

Hex(8AA0F9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8AA0F9)

Conversions

Conversions Part 1

Format	Color
Hex	8AA0F9
RGB	138, 160, 249
RGB Percent	54%, 63%, 98%
CMY	0.4588, 0.3725, 0.0235
CMYK	0.45, 0.36, 0.00, 0.02
HSL	228°, 90%, 76%
HSV	228°, 45%, 98%
XYZ	40.1509, 37.3844, 94.7223
YIQ	163.5680, -41.6810, 23.0150

Conversions

Conversions Part 2

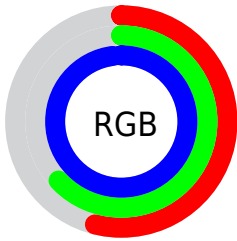
Format	Color
RYB	138, 156, 249
Decimal	9085177
CIELab	67.56, 14.97, -46.85
CIELCh	68, 49.182, 287.725
Yxy	37.3844, 0.2331, 0.2170
Android (android.graphics.Color)	4287275257 (0xFF8AA0F9)
YUV	163.5680, 42.1180, -22.4231
Hunter-Lab	61.1428, 10.2165, -49.0519

Details

The Hex color **8AA0F9** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F9E38A**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **C3D7FF**, and **516DC0** is the 20% darker color. If you saturate the color by 10%, you get **718CF9**, and if you desaturate by 10%, it is **A3B4F9**.

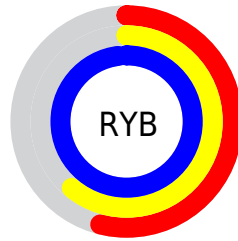
Distribution



Red (54%)

Green (63%)

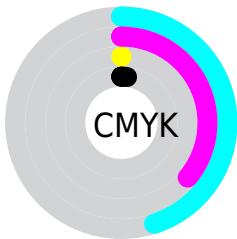
Blue (98%)



Red (54%)

Yellow (61%)

Blue (98%)

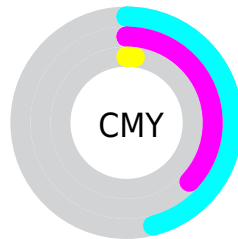


Cyan (45%)

Magenta (36%)

Yellow (0%)

Black (2%)



Cyan (46%)

Magenta (37%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AA0F9 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 8AA0F9 by changing the saturation by 10% instead.

■ 8AA0F9

■ 8AA0F9

FFFFFF

■ 6E86DC

■ C3D7FF

■ 516DC0

■ E1F3FF

■ 3255A5

■ 033E8A

■ 002970

■ 001657

■ 00033F

■ 000328

■ 000112

■ 8AA0F9

■ 8AA0F9

■ 718CF9

■ A3B4F9

■ 5878F9

■ BCC8F9

■ 3F64F9

■ D5DCF9

■ 2650F9

■ EEF0F9

■ 0D3CF9

■ FFFFF9

■ 0031F9

Harmonies

Analogous

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



00AFFB



8AA0F9



C98FE1

Triad

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



8AA0F9



EC8B65



1EBA90

Complementary

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



8AA0F9



F9E38A

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.



72B467



8AA0F9



CE9C4C

Square

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



8AA0F9



F8808C



A5AA4D



00BBBE

Rectangle

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



8AA0F9



E485C7



A5AA4D



45B981

Sweetspot

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



8AA0F9



DEE4FF



8AF9E3



6B6F80



000000



808080

Same Dimension

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



8AA0F9



7893FF



AB8AF9



70737D



0025BD



000C3D

Inverse Universe

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



F98AA0



FF7893



D8F98A



7D7073



BD0025



3D000C

Previews

White Background



This preview shows how the Hex color 8AA0F9 looks on a white background.

Color Contrast Check

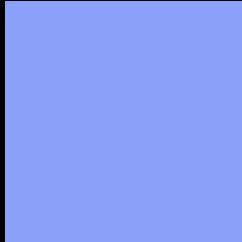
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 8AA0F9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

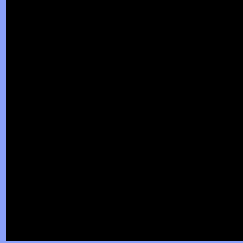
Any Text WCAG AA ✓ Pass

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 8AA0F9 Background



This preview shows how black text looks on a background with the Hex color 8AA0F9.



This preview shows how white text looks on a background with the Hex color 8AA0F9.

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
8AA0F9

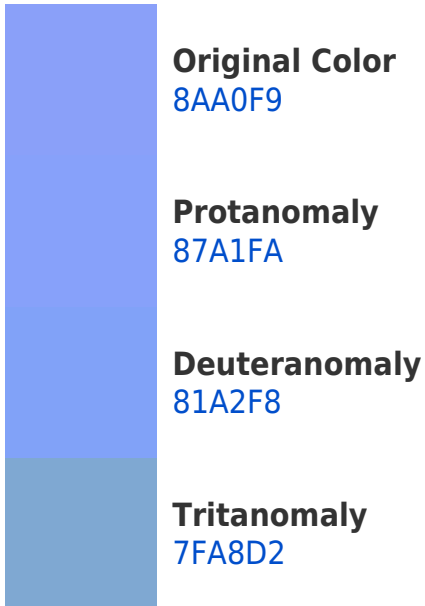
Protanopia
85A1FA

Deuteranopia
7CA3F8

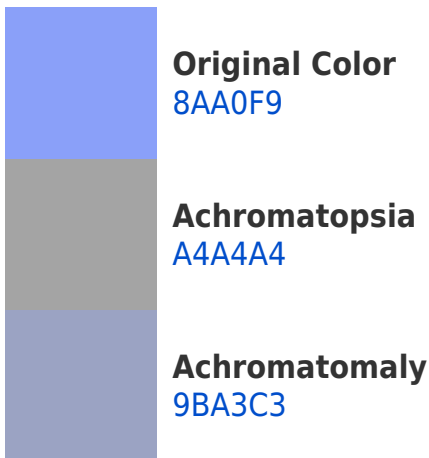


Tritanopia
79ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AA0F9 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 #8AA0F9 looks like.

```
.text, #text, p{  
    color:#8AA0F9  
}
```

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 #8AA0F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AA0F9
}
```

Border

The CSS property to change the border of an element to Hex 8AA0F9 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
#8AA0F9 }
```

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

```
.border{ border-color:#8AA0F9 }
```

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

Here you see how a box with a 4 pixel #8AA0F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AA0F9; -webkit-box-shadow:4px 4px  
4px 4px #8AA0F9; box-shadow:4px 4px 4px  
4px #8AA0F9 }
```

Background

The CSS property to change the background color of an element to Hex 8AA0F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AA0F9 }
```

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

```
.background{ background-color:#8AA0F9 }
```

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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