

Converting Colors

Hex(789AFA)

Have a look what the booklet for
Hex(789AFA) contains.

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Color

Hex(789AFA)

Conversions

Conversions Part 1

Format	Color
Hex	789AFA
RGB	120, 154, 250
RGB Percent	47%, 60%, 98%
CMY	0.5294, 0.3961, 0.0196
CMYK	0.52, 0.38, 0.00, 0.02
HSL	224°, 93%, 73%
HSV	224°, 52%, 98%
XYZ	36.5566, 34.0064, 95.0796
YIQ	154.7780, -51.0800, 22.6480

Conversions

Conversions Part 2

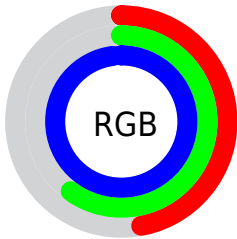
Format	Color
R_{YB}	120, 147, 250
Decimal	7903994
CIE _{Lab}	64.97, 14.62, -51.56
CIE _{LCh}	65, 53.597, 285.830
Yxy	34.0064, 0.2207, 0.2053
Android (android.graphics.Color)	4286094074 (0xFF789AFA)
YUV	154.7780, 46.9444, -30.5003
Hunter-Lab	58.3150, 9.8472, -55.8488

Details

The Hex color **789AFA** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FAD878**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B3D0FF**, and **3A67C1** is the 20% darker color. If you saturate the color by 10%, you get **5F88FA**, and if you desaturate by 10%, it is **91ACFA**.

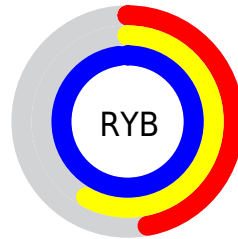
Distribution



Red (47%)

Green (60%)

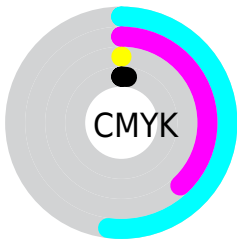
Blue (98%)



Red (47%)

Yellow (58%)

Blue (98%)

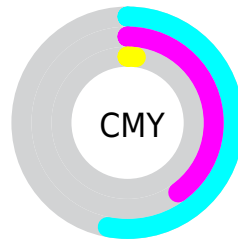


Cyan (52%)

Magenta (38%)

Yellow (0%)

Black (2%)



Cyan (53%)

Magenta (40%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 789AFA 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 789AFA by changing the saturation by 10% instead.

 789AFA

 789AFA

FFFFFF

 5A80DD

 B3D0FF

 3A67C1

 D0ECFF

 0950A5

 EEEFFF

 00398B

 002571

 001158

 00073F

 000329

 000112

 789AFA

 789AFA

 5F88FA

 91ACFA

 4675FA

 AABFFA

 2D63FA

 C3D1FA

 1450FA

 DCE4FA

 0041FA

 F5F6FA

 FFFFFA

Harmonies

Analogous

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



00A9FA



789AFA



C187E1

Triad

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



789AFA



EB815B



00B485

Complementary

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



789AFA



FAD878

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.



6AAE58



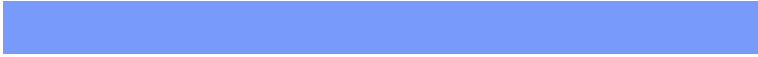
789AFA



CC933E

Square

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



789AFA



F77486



A0A33C



00B5B6

Rectangle

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



789AFA



E07BC6



A0A33C



33B275

Sweetspot

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



789AFA



D6E1FF



78FAD7



676E80



000000



808080

Same Dimension

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



789AFA



618AFF



9678FA



70747D



0031BD



00103D

Inverse Universe

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



FA789A



FF618A



DCFA78



7D7074



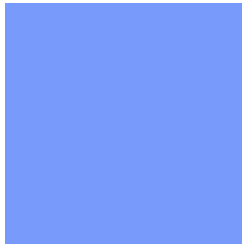
BD0031



3D0010

Previews

White Background



This preview shows how the Hex color 789AFA looks on a white background.

Color Contrast Check

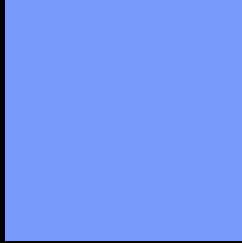
Large Text (above 18pt) WCAG AA × Fail

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 789AFA 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

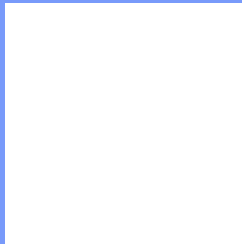
Any Text WCAG AAA ✓ Pass

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

Hex 789AFA Background



This preview shows how black text looks on a background with the Hex color 789AFA.



This preview shows how white text looks on a background with the Hex color 789AFA.

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](#).

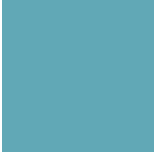
Dichromacy



Original Color
789AFA

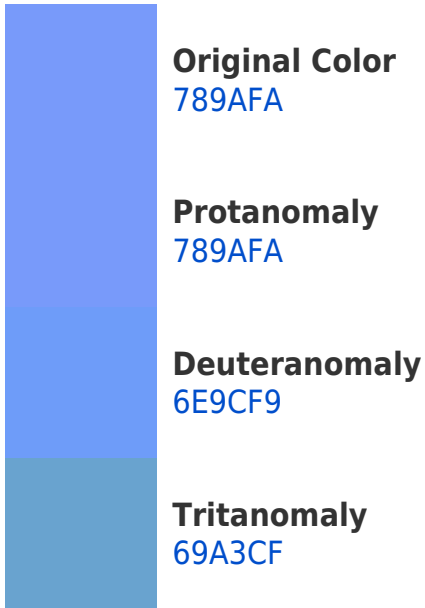
Protanopia
789AFA

Deuteranopia
699DF9



Tritanopia
61A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 789AFA 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 #789AFA looks like.

```
.text, #text, p{  
    color:#789AFA  
}
```

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 #789AFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789AFA
}
```

Border

The CSS property to change the border of an element to Hex 789AFA 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
#789AFA }
```

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

```
.border{ border-color:#789AFA }
```

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

Here you see how a box with a 4 pixel #789AFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789AFA; -webkit-box-shadow:4px 4px  
4px 4px #789AFA; box-shadow:4px 4px 4px  
4px #789AFA }
```

Background

The CSS property to change the background color of an element to Hex 789AFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789AFA }
```

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

```
.background{ background-color:#789AFA }
```

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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