

Converting Colors

Hex(A789F6)

Have a look what the booklet for
Hex(A789F6) contains.

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Color

Hex(A789F6)

Conversions

Conversions Part 1

Format	Color
Hex	A789F6
RGB	167, 137, 246
RGB Percent	65%, 54%, 96%
CMY	0.3451, 0.4627, 0.0353
CMYK	0.32, 0.44, 0.00, 0.04
HSL	257°, 86%, 75%
HSV	257°, 44%, 96%
XYZ	41.5166, 32.7606, 91.3241
YIQ	158.3960, -17.1090, 40.2590

Conversions

Conversions Part 2

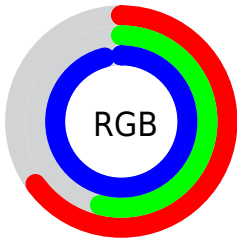
Format	Color
RYB	167, 137, 246
Decimal	10979830
CIELab	63.97, 34.69, -50.74
CIELCh	64, 61.463, 304.358
Yxy	32.7606, 0.2507, 0.1978
Android (android.graphics.Color)	4289169910 (0xFFA789F6)
YUV	158.3960, 43.1888, 7.5457
Hunter-Lab	57.2369, 29.3097, -54.5340

Details

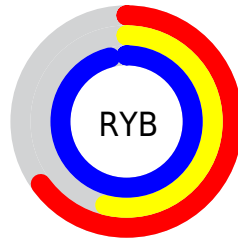
The Hex color **A789F6** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D8F689**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **E1BFFF**, and **6F57BD** is the 20% darker color. If you saturate the color by 10%, you get **9570F6**, and if you desaturate by 10%, it is **B9A2F6**.

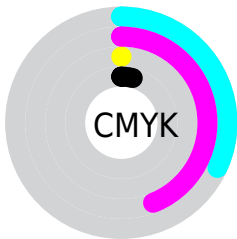
Distribution



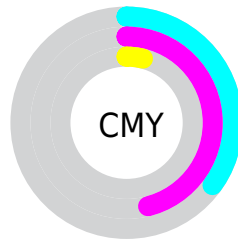
- Red (65%)
- Green (54%)
- Blue (96%)



- Red (65%)
- Yellow (54%)
- Blue (96%)



- Cyan (32%)
- Magenta (44%)
- Yellow (0%)
- Black (4%)



- Cyan (35%)
- Magenta (46%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color A789F6 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 A789F6 by changing the saturation by 10% instead.

 A789F6

 A789F6

FFFFFF

 8B6FD9

 E1BFFF


 6F57BD

 FEDBFF

 543FA2

 FFF7FF

 382887

 18126D

 000054

 00003C

 000225

 00010E

 A789F6

 A789F6

 9570F6

 B9A2F6

 8358F6

 CBBAF6

 723FF6

 DCD3F6

 6027F6

 EEEBF6

 4E0EF6

 FFFFF6

 4400F6

Harmonies

Analogous

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



1B9FFF



A789F6



E472CB

Triad

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



A789F6



DD8735



00B5A2

Complementary

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



A789F6



D8F689

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.



00B269



A789F6



B09B20

Square

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



A789F6



F97160



77A939



00B4D8

Rectangle

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



A789F6



F868A8



77A939



00B58E

Sweetspot

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



A789F6



E7DEFF



89D9F6



716B80



000000



808080

Same Dimension

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



A789F6



9D78FF



DD89F6



726E7A



3300BA



10003B

Inverse Universe

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



F689D8



FF78DA



A2F689



7A6E77



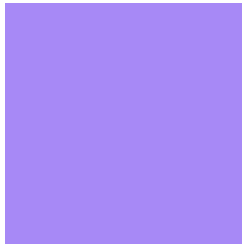
BA0087



3B002B

Previews

White Background



This preview shows how the Hex color A789F6 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 A789F6 Background



This preview shows how black text looks on a background with the Hex color A789F6.

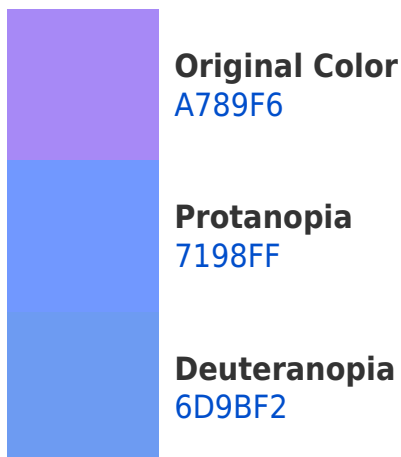


This preview shows how white text looks on a background with the Hex color A789F6.

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](#).

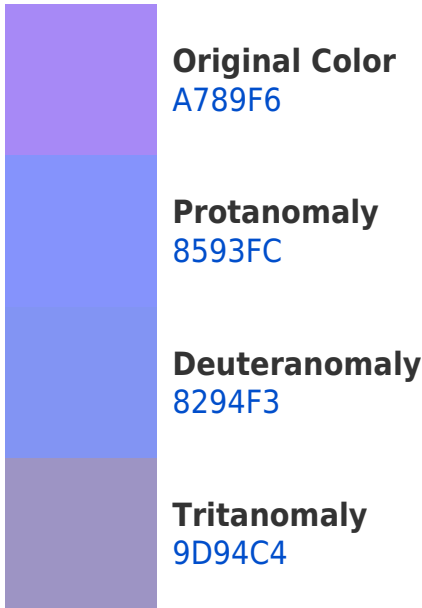
Dichromacy



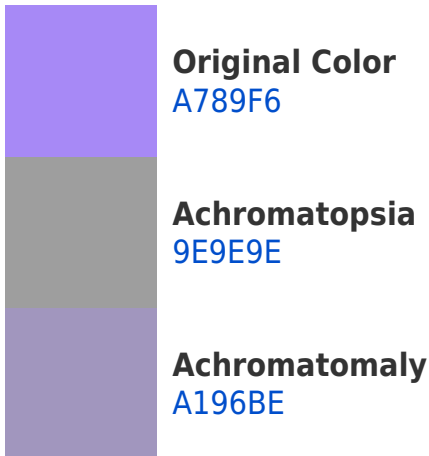


Tritanopia
979BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A789F6 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 #A789F6 looks like.

```
.text, #text, p{  
    color:#A789F6  
}
```

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 #A789F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A789F6
}
```

Border

The CSS property to change the border of an element to Hex A789F6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

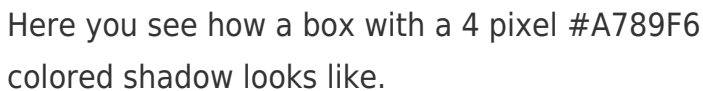
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A789F6 }
```

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

```
.border{ border-color:#A789F6 }
```

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



Here you see how a box with a 4 pixel #A789F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A789F6; -webkit-box-shadow:4px 4px  
4px 4px #A789F6; box-shadow:4px 4px 4px  
4px #A789F6 }
```

Background

The CSS property to change the background color of an element to Hex A789F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A789F6 }
```

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

```
.background{ background-color:#A789F6 }
```

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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