

Converting Colors

Hex(6AA9F6)

Have a look what the booklet for
Hex(6AA9F6) contains.

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Color

Hex(6AA9F6)

Conversions

Conversions Part 1

Format	Color
Hex	6AA9F6
RGB	106, 169, 246
RGB Percent	42%, 66%, 96%
CMY	0.5843, 0.3373, 0.0353
CMYK	0.57, 0.31, 0.00, 0.04
HSL	213°, 89%, 69%
HSV	213°, 57%, 96%
XYZ	36.7664, 38.0939, 92.6038
YIQ	158.9410, -62.2650, 10.5910

Conversions

Conversions Part 2

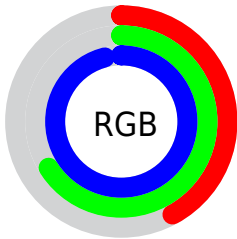
Format	Color
RYB	106, 149, 246
Decimal	6990326
CIELab	68.09, 1.86, -44.51
CIELCh	68, 44.546, 272.389
Yxy	38.0939, 0.2195, 0.2275
Android (android.graphics.Color)	4285180406 (0xFF6AA9F6)
YUV	158.9410, 42.9201, -46.4293
Hunter-Lab	61.7203, -1.6792, -45.7533

Details

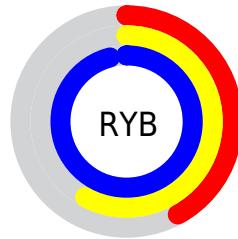
The Hex color **6AA9F6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **F6B76A**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A6E0FF**, and **2475BD** is the 20% darker color. If you saturate the color by 10%, you get **519BF6**, and if you desaturate by 10%, it is **83B7F6**.

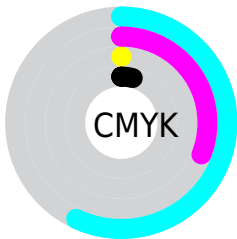
Distribution



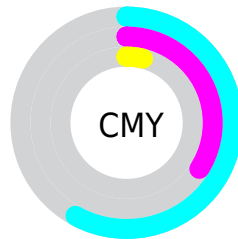
- Red (42%)
- Green (66%)
- Blue (96%)



- Red (42%)
- Yellow (58%)
- Blue (96%)



- Cyan (57%)
- Magenta (31%)
- Yellow (0%)
- Black (4%)



- Cyan (58%)
- Magenta (34%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AA9F6 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 6AA9F6 by changing the saturation by 10% instead.

 6AA9F6

 6AA9F6

FFFFFF

 4A8FD9

 A6E0FF

 2475BD

 C3FCFF

 005DA2

 E1FFFF


 004687

 00306E

 001C55

 00063D

 000326

 00010F

■ 6AA9F6

■ 6AA9F6

■ 519BF6

■ 83B7F6

■ 398EF6

■ 9BC4F6

■ 2080F6

■ B4D2F6

■ 0873F6

■ CCDF6

■ 006FF6

■ E5EDF6

■ FEFAF6

■ FFFFF6

Harmonies

Analogous

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



00B4EC



6AA9F6



AE9AEA

Triad

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



6AA9F6



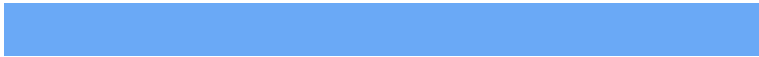
F08A7D



5FB87F

Complementary

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



6AA9F6



F6B76A

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.



92B060



6AA9F6



DD965F

Square

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



6AA9F6



F185A4



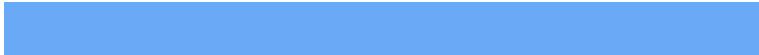
BCA554



00BBA8

Rectangle

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



6AA9F6



CE90D8



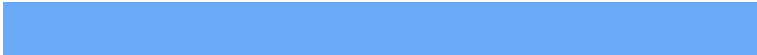
BCA554



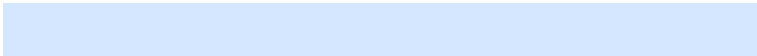
71B673

Sweetspot

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



6AA9F6



D4E7FF



6AF6B7



667180



000000



808080

Same Dimension

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



6AA9F6



52A0FF



716AF6



6E747A



0054BA



001A3B

Inverse Universe

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



F66AA9



FF52A0



EFF66A



7A6E74



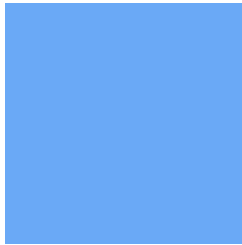
BA0054



3B001A

Previews

White Background



This preview shows how the Hex color 6AA9F6 looks on a white background.

Color Contrast Check

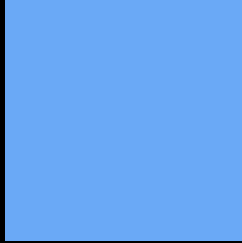
Large Text (above 18pt) WCAG AA × Fail

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 6AA9F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

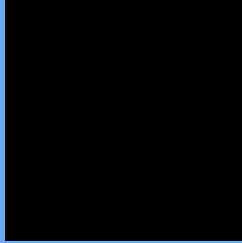
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

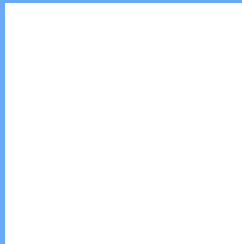
Any Text WCAG AAA ✓ Pass

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

Hex 6AA9F6 Background



This preview shows how black text looks on a background with the Hex color 6AA9F6.



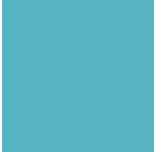
This preview shows how white text looks on a background with the Hex color 6AA9F6.

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](#).

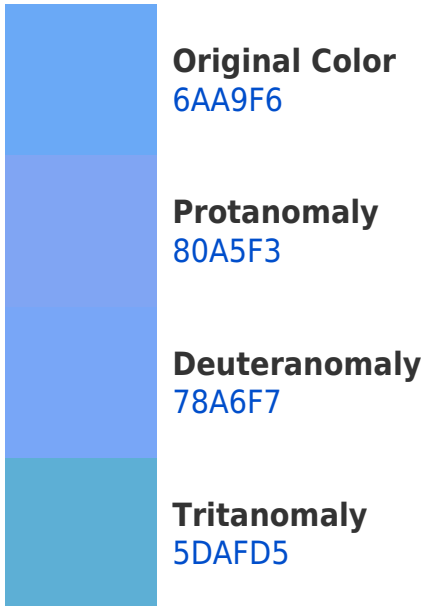
Dichromacy



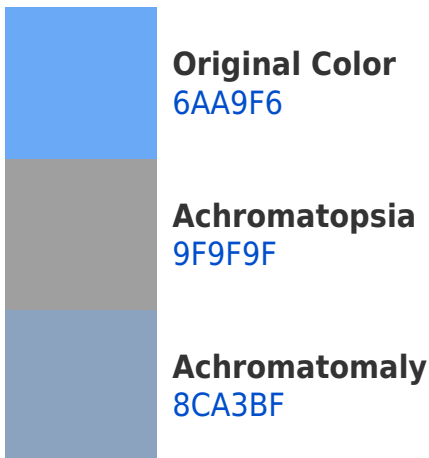


Tritanopia
55B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AA9F6 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 #6AA9F6 looks like.

```
.text, #text, p{  
    color:#6AA9F6  
}
```

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 #6AA9F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AA9F6
}
```

Border

The CSS property to change the border of an element to Hex 6AA9F6 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
#6AA9F6 }
```

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

```
.border{ border-color:#6AA9F6 }
```

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

Here you see how a box with a 4 pixel #6AA9F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AA9F6; -webkit-box-shadow:4px 4px  
4px 4px #6AA9F6; box-shadow:4px 4px 4px  
4px #6AA9F6 }
```

Background

The CSS property to change the background color of an element to Hex 6AA9F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AA9F6 }
```

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

```
.background{ background-color:#6AA9F6 }
```

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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