

Converting Colors

Hex(6A8DFF)

Have a look what the booklet for
Hex(6A8DFF) contains.

Hex(6A8DFF)	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(6A8DFF)

Conversions

Conversions Part 1

Format	Color
Hex	6A8DFF
RGB	106, 141, 255
RGB Percent	42%, 55%, 100%
CMY	0.5843, 0.4471, 0.0000
CMYK	0.58, 0.45, 0.00, 0.00
HSL	226°, 100%, 71%
HSV	226°, 58%, 100%
XYZ	33.5187, 29.3339, 98.5031
YIQ	143.5310, -57.4540, 28.0340

Conversions

Conversions Part 2

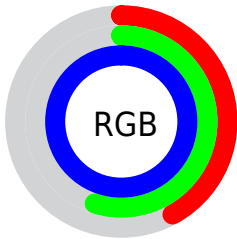
Format	Color
R _Y B	106, 134, 255
Decimal	6983167
CIE Lab	61.08, 21.03, -60.54
CIE LCh	61, 64.092, 289.157
Yxy	29.3339, 0.2077, 0.1818
Android (android.graphics.Color)	4285173247 (0xFF6A8DFF)
YUV	143.5310, 54.9542, -32.9147
Hunter-Lab	54.1608, 15.6877, -69.9191

Details

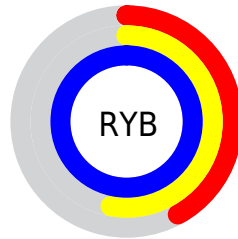
The Hex color **6A8DFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFDC6A**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **A7C2FF**, and **1F5CC5** is the 20% darker color. If you saturate the color by 10%, you get **5179FF**, and if you desaturate by 10%, it is **84A1FF**.

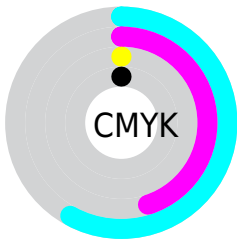
Distribution



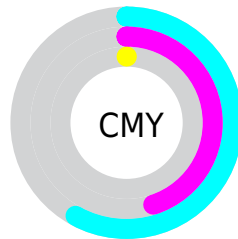
- Red (42%)
- Green (55%)
- Blue (100%)



- Red (42%)
- Yellow (53%)
- Blue (100%)



- Cyan (58%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A8DFF 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 6A8DFF by changing the saturation by 10% instead.

 6A8DFF

 6A8DFF

FFFFFF

 4974E2

 A7C2FF

 1F5CC5

 C5DEFF

 0045AA

 E4FBFF

 002F8F

 001C74

 00015B

 000743

 00032B

 000116

■ 6A8DFF

■ 6A8DFF

■ 5179FF

■ 84A1FF

■ 3766FF

■ 9DB4FF

■ 1E52FF

■ B7C8FF

■ 043FFF

■ D0DBFF

■ 003CFF

■ EAEFFF

FFFFFF

Harmonies

Analogous

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



00A0FF



6A8DFF



C374DE

Triad

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



6A8DFF



E7723E



00AD7C

Complementary

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



6A8DFF



FFDC6A

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.



46A744



6A8DFF



C18913

Square

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



6A8DFF



F95E72



8D9C15



00AEB7

Rectangle

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



6A8DFE



E464BD



8D9C15



00AB69

Sweetspot

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



6A8DFE



D1DCFF



6AFFDA



636A80



000000



808080

Same Dimension

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



6A8DFE



4D76FF



8F6AFF



737680



002DBF



000F40

Inverse Universe

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



FF6A8D



FF4D76



DAFF6A



807376



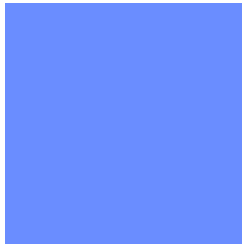
BF002D



40000F

Previews

White Background



This preview shows how the Hex color 6A8DFF looks on a white background.

Color Contrast Check

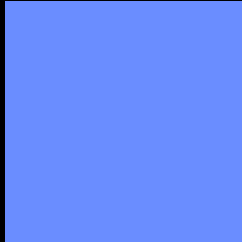
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A8DFF 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 × Fail

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

Hex 6A8DFF Background



This preview shows how black text looks on a background with the Hex color 6A8DFF.

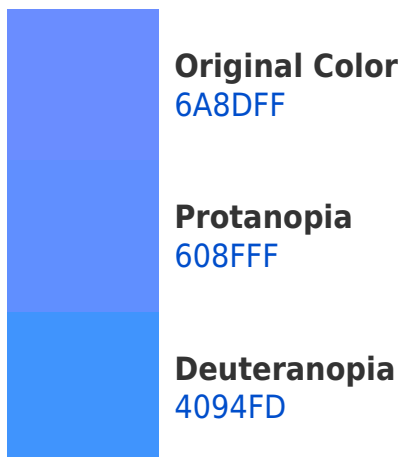


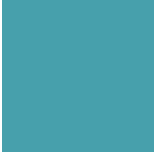
This preview shows how white text looks on a background with the Hex color 6A8DFF.

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](#).

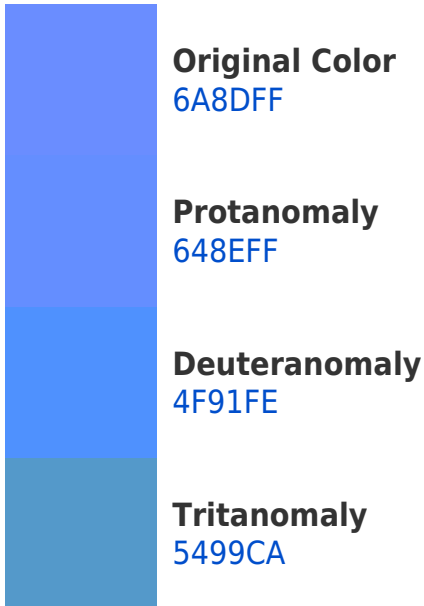
Dichromacy



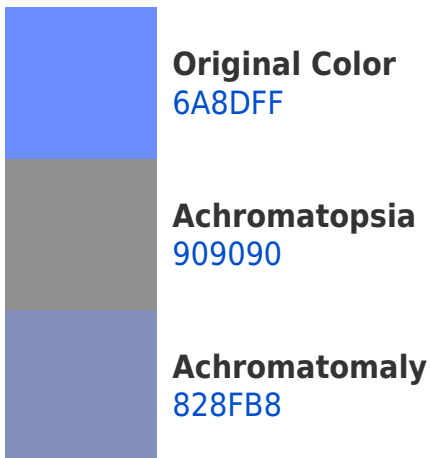


Tritanopia
47A0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A8DFF 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 #6A8DFF looks like.

```
.text, #text, p{  
    color:#6A8DFF  
}
```

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 #6A8DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A8DFF
}
```

Border

The CSS property to change the border of an element to Hex 6A8DFF 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
#6A8DFF }
```

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

```
.border{ border-color:#6A8DFF }
```

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

Here you see how a box with a 4 pixel #6A8DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A8DFF; -webkit-box-shadow:4px 4px  
4px 4px #6A8DFF; box-shadow:4px 4px 4px  
4px #6A8DFF }
```

Background

The CSS property to change the background color of an element to Hex 6A8DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A8DFF }
```

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

```
.background{ background-color:#6A8DFF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor