

# Converting Colors

Hex(6E9DFF)

Have a look what the booklet for  
Hex(6E9DFF) contains.

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# **Color**

**Hex(6E9DFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E9DFF
RGB	110, 157, 255
RGB Percent	43%, 62%, 100%
CMY	0.5686, 0.3843, 0.0000
CMYK	0.57, 0.38, 0.00, 0.00
HSL	221°, 100%, 72%
HSV	221°, 57%, 100%
XYZ	36.5374, 34.6489, 99.3699
YIQ	154.1190, -59.4700, 20.5140

# Conversions

## Conversions Part 2

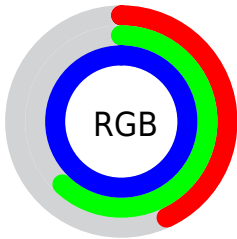
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	110, 145, 255
Decimal	7249407
CIE Lab	65.47, 12.37, -53.52
CIE LCh	65, 54.935, 283.015
Yxy	34.6489, 0.2142, 0.2032
Android (android.graphics.Color)	4285439487 (0xFF6E9DFF)
YUV	154.1190, 49.7343, -38.6924
Hunter-Lab	58.8633, 7.7868, -58.8858

# Details

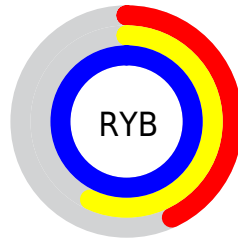
The Hex color **6E9DFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFD06E**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **AAD3FF**, and **286AC6** is the 20% darker color. If you saturate the color by 10%, you get **558CFF**, and if you desaturate by 10%, it is **88AEFF**.

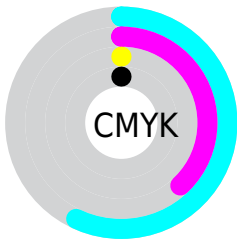
# Distribution



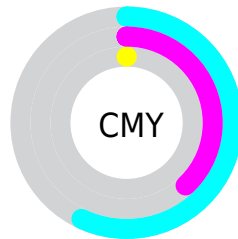
- Red (43%)
- Green (62%)
- Blue (100%)



- Red (43%)
- Yellow (57%)
- Blue (100%)



- Cyan (57%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (38%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E9DFF 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 6E9DFF by changing the saturation by 10% instead.



 6E9DFF

 6E9DFF

FFFFFF

 4E83E2

 AAD3FF

 286AC6

 C8EFFF

 0053AA

 E6FFFF

 003C8F

 002775

 00145C

 000743

 00032C

 000117

■ 6E9DFF

■ 6E9DFF

■ 558CFF

■ 88AEFF

■ 3B7BFF

■ A1BFFF

■ 2169FF

■ BBD1FF

■ 0858FF

■ D4E2FF

■ 0053FF

■ EE33FF

FFFFFF

# Harmonies

## Analogous

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



00ACFD



6E9DFF



BE89E7

# Triad

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



6E9DFF



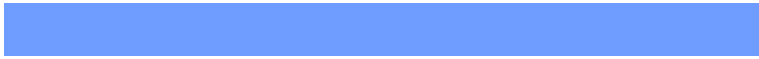
F0805E



00B581

# Complementary

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



6E9DFF



FFD06E

# 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.



6FAF54



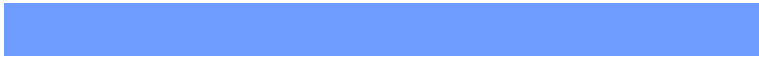
6E9DFF



D2923E

# Square

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



6E9DFF



FA748B



A6A339



00B7B4

# Rectangle

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



6E9DFF



DF7DCD



A6A339



3AB470



# Sweetspot

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



6E9DFF



D4E2FF



6EFFCF



666E80



000000



808080



# Same Dimension

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



6E9DFF



528AFF



866EFF



737780



003EBF



001540



# Inverse Universe

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



FF6E9D



FF528A



E7FF6E



807377



BF003E

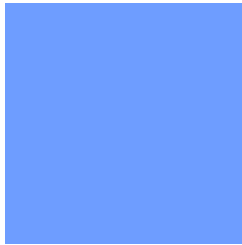


400015



# Previews

## White Background



This preview shows how the Hex color 6E9DFF looks on a white background.

## Color Contrast Check

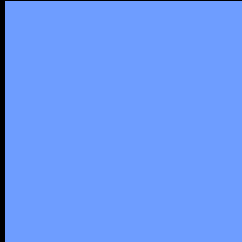
Large Text (above 18pt) WCAG AA × Fail

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 6E9DFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

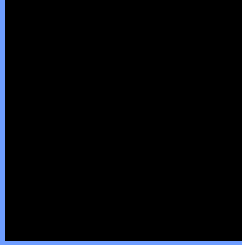
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

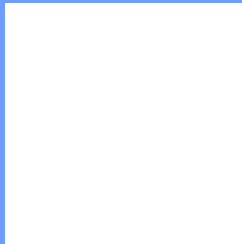
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6E9DFF Background



This preview shows how black text looks on a background with the Hex color 6E9DFF.



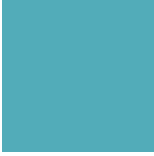
This preview shows how white text looks on a background with the Hex color 6E9DFF.

# 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](#).

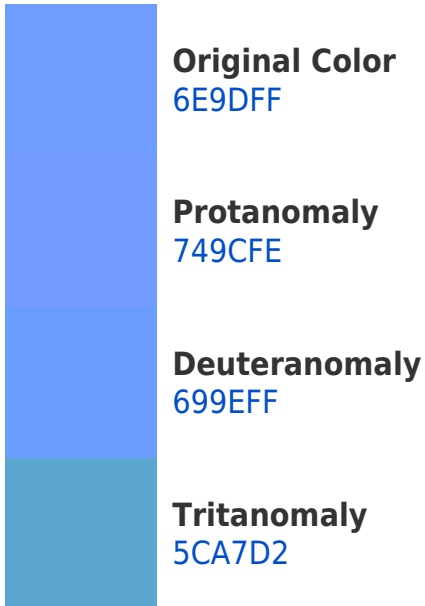
## Dichromacy





**Tritanopia**  
52ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E9DFF 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 #6E9DFF looks like.

```
.text, #text, p{  
    color:#6E9DFF  
}
```

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 #6E9DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E9DFF
}
```

## Border

The CSS property to change the border of an element to Hex 6E9DFF 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
#6E9DFF }
```

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

```
.border{ border-color:#6E9DFF }
```

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

Here you see how a box with a 4 pixel #6E9DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E9DFF; -webkit-box-shadow:4px 4px  
4px 4px #6E9DFF; box-shadow:4px 4px 4px  
4px #6E9DFF }
```

# Background

The CSS property to change the background color of an element to Hex 6E9DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E9DFF }
```

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

```
.background{ background-color:#6E9DFF }
```

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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