

# Converting Colors

Hex(6D97F6)

Have a look what the booklet for  
Hex(6D97F6) contains.

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**Color**

**Hex(6D97F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D97F6
RGB	109, 151, 246
RGB Percent	43%, 59%, 96%
CMY	0.5725, 0.4078, 0.0353
CMYK	0.56, 0.39, 0.00, 0.04
HSL	222°, 88%, 70%
HSV	222°, 56%, 96%
XYZ	34.0078, 32.0382, 91.5804
YIQ	149.2720, -55.5270, 20.6410

# Conversions

## Conversions Part 2

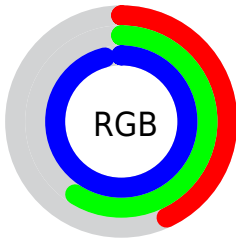
Format	Color
R <sub>Y</sub> B	109, 141, 246
Decimal	7182326
CIE Lab	63.37, 12.83, -51.94
CIE LCh	63, 53.498, 283.878
Yxy	32.0382, 0.2157, 0.2033
Android (android.graphics.Color)	4285372406 (0xFF6D97F6)
YUV	149.2720, 47.6869, -35.3185
Hunter-Lab	56.6023, 8.1923, -56.3073

# Details

The Hex color **6D97F6** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F6CC6D**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **A8CDFF**, and **2A65BD** is the 20% darker color. If you saturate the color by 10%, you get **5486F6**, and if you desaturate by 10%, it is **86A8F6**.

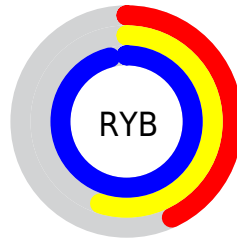
# Distribution



Red (43%)

Green (59%)

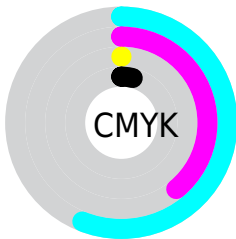
Blue (96%)



Red (43%)

Yellow (55%)

Blue (96%)

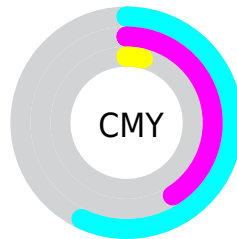


Cyan (56%)

Magenta (39%)

Yellow (0%)

Black (4%)



Cyan (57%)

Magenta (41%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D97F6 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 6D97F6 by changing the saturation by 10% instead.



 6D97F6

 6D97F6

FFFFFF

 4E7DD9

 A8CDFF

 2A65BD

 C6E9FF

 004DA2

 E4FFFF

 003787

 00236D

 000D54

 00063C

 000225

 00010E

■ 6D97F6

■ 6D97F6

■ 5486F6

■ 86A8F6

■ 3C75F6

■ 9EB9F6

■ 2364F6

■ B7CAF6

■ 0B53F6

■ CFDBF6

■ 004BF6

■ E8ECF6

■ FFFDF6

■ FFFFF6

# Harmonies

## Analogous

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



00A6F5



6D97F6



B984DF

# Triad

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



6D97F6



E77C59



00AF7D

# Complementary

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



6D97F6



F6CC6D

# 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.



69A951



6D97F6



C98E3B

# Square

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



6D97F6



F27085



9F9E37



00B1AF

# Rectangle

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



6D97F6



D978C4



9F9E37



35AE6E



# Sweetspot

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



6D97F6



D4E1FF



6DF6CB



666E80



000000



808080



# Same Dimension

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



6D97F6



5489FF



866DF6



6E727A



0039BA



00123B



# Inverse Universe

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



F66D97



FF5489



DDF66D



7A6E72



BA0039

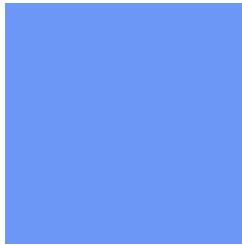


3B0012



# Previews

## White Background



This preview shows how the Hex color 6D97F6 looks on a white background.

## Color Contrast Check

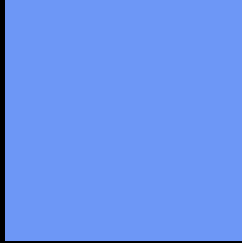
Large Text (above 18pt) WCAG AA × Fail

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 6D97F6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

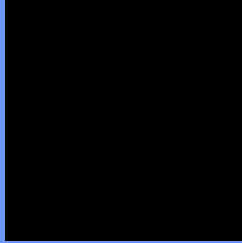
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

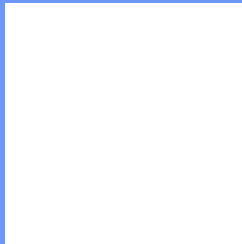
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6D97F6 Background



This preview shows how black text looks on a background with the Hex color 6D97F6.



This preview shows how white text looks on a background with the Hex color 6D97F6.

# 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**  
6D97F6

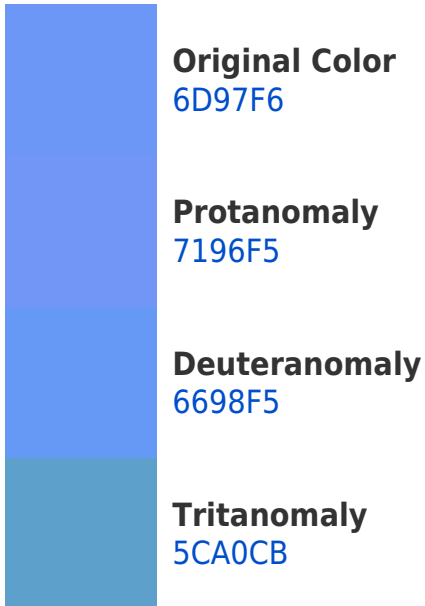
**Protanopia**  
7496F5

**Deuteranopia**  
6299F5

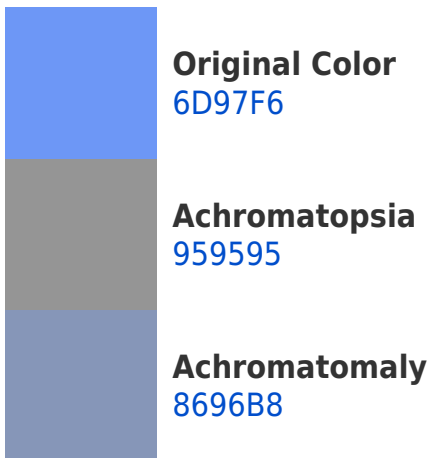


**Tritanopia**  
53A5B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D97F6 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 #6D97F6 looks like.

```
.text, #text, p{  
    color:#6D97F6  
}
```

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 #6D97F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D97F6
}
```

## Border

The CSS property to change the border of an element to Hex 6D97F6 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
#6D97F6 }
```

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

```
.border{ border-color:#6D97F6 }
```

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

Here you see how a box with a 4 pixel #6D97F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D97F6; -webkit-box-shadow:4px 4px  
4px 4px #6D97F6; box-shadow:4px 4px 4px  
4px #6D97F6 }
```

# Background

The CSS property to change the background color of an element to Hex 6D97F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D97F6 }
```

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

```
.background{ background-color:#6D97F6 }
```

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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