

# Converting Colors

Hex(6991F7)

Have a look what the booklet for  
Hex(6991F7) contains.

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# **Color**

**Hex(6991F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6991F7
RGB	105, 145, 247
RGB Percent	41%, 57%, 97%
CMY	0.5882, 0.4314, 0.0314
CMYK	0.57, 0.41, 0.00, 0.03
HSL	223°, 90%, 69%
HSV	223°, 57%, 97%
XYZ	32.7396, 29.9695, 92.0548
YIQ	144.6680, -56.5820, 23.2420

# Conversions

## Conversions Part 2

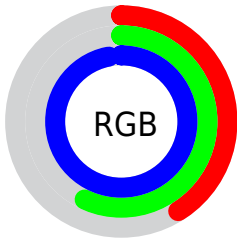
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">105, 136, 247</a>
Decimal	<a href="#">6918647</a>
CIELab	<a href="#">61.63, 15.89, -55.27</a>
CIELCh	<a href="#">62, 57.513, 286.041</a>
Yxy	<a href="#">29.9695, 0.2115, 0.1936</a>
Android (android.graphics.Color)	<a href="#">4285108727 (0xFF6991F7)</a>
YUV	<a href="#">144.6680, 50.4497, -34.7888</a>
Hunter-Lab	<a href="#">54.7444, 10.9484, -61.3774</a>

# Details

The Hex color **6991F7** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F7CF69**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A5C6FF**, and **215FBE** is the 20% darker color. If you saturate the color by 10%, you get **507FF7**, and if you desaturate by 10%, it is **82A3F7**.

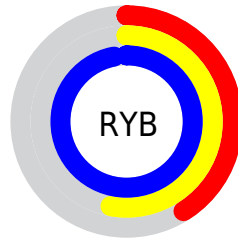
# Distribution



Red (41%)

Green (57%)

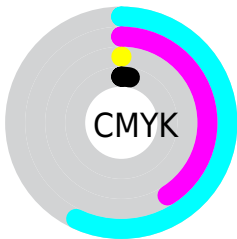
Blue (97%)



Red (41%)

Yellow (53%)

Blue (97%)

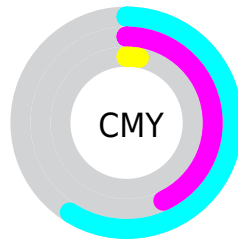


Cyan (57%)

Magenta (41%)

Yellow (0%)

Black (3%)



Cyan (59%)

Magenta (43%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6991F7 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 6991F7 by changing the saturation by 10% instead.




 6991F7

 6991F7

FFFFFF

 4978DA

 A5C6FF

 215FBE

 C3E2FF

 0048A2

 E1FFFF


 003288

 001F6E

 000555

 00063D

 000226

 00010F

6991F7

6991F7

507FF7

82A3F7

386EF7

9AB4F7

1F5CF7

B3C6F7

064AF7

CCD8F7

0046F7

E5EAF7

FDFBF7

FFFFFF7

# Harmonies

## Analogous

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



00A1F7



6991F7



BA7CDC

# Triad

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



6991F7



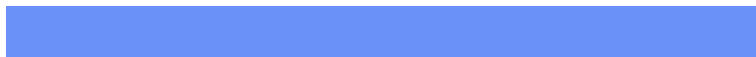
E5764D



00AC7B

# Complementary

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



6991F7



F7CF69

# 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.



5BA64A



6991F7



C48A2C

# Square

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



6991F7



F2677C



969B29



00ADAF

# Rectangle

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



6991F7



DB6EBF



969B29



02AA69



# Sweetspot

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



6991F7



D4E0FF



69F7CF



666D80



000000



808080



# Same Dimension

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



6991F7



4F81FF



8869F7



6E727A



0034BA



00113B



# Inverse Universe

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



F76991



FF4F81



D8F769



7A6E72



BA0034

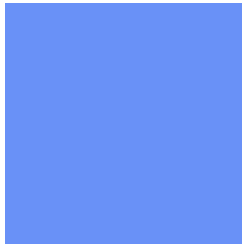


3B0011



# Previews

## White Background



This preview shows how the Hex color 6991F7 looks on a white background.

## Color Contrast Check

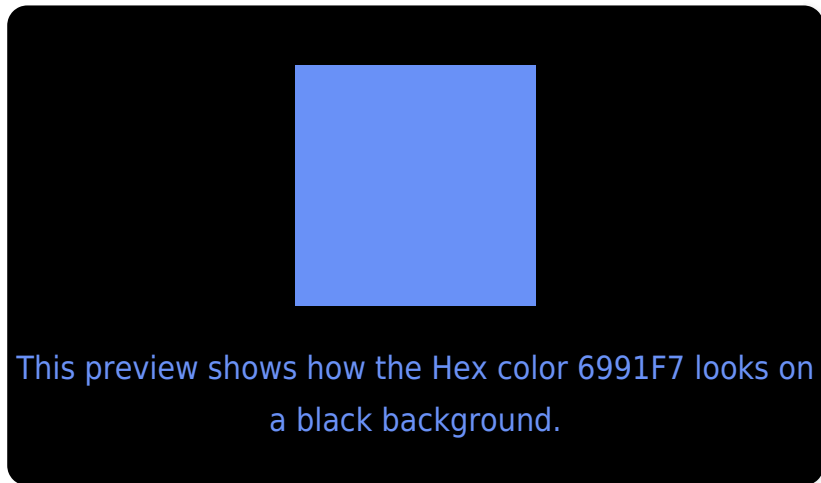
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

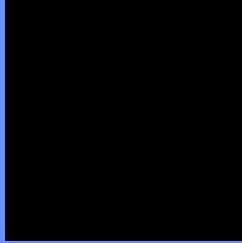
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

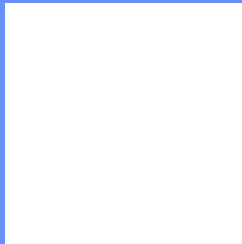
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6991F7 Background



This preview shows how black text looks on a background with the Hex color 6991F7.

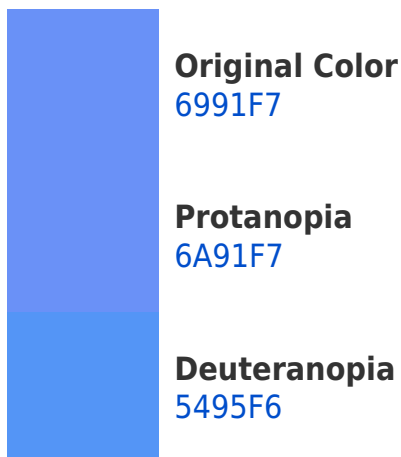


This preview shows how white text looks on a background with the Hex color 6991F7.

# 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](#).

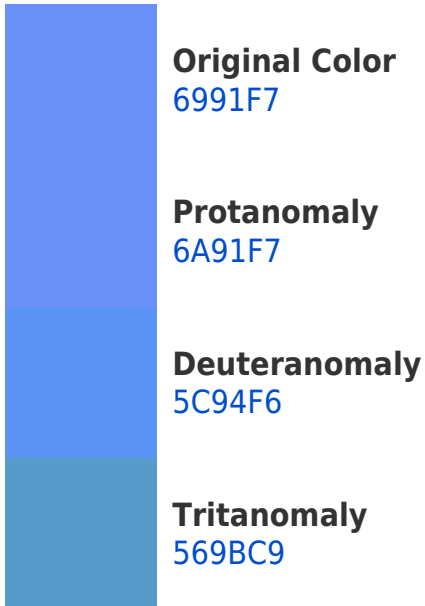
## Dichromacy



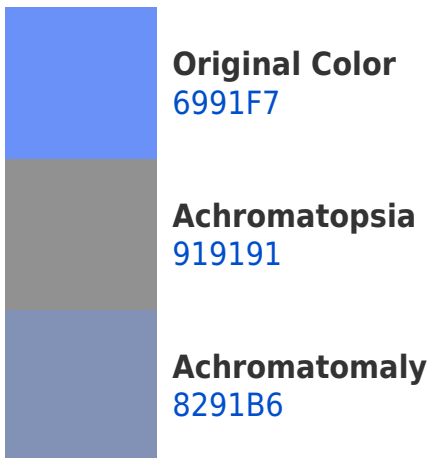


**Tritanopia**  
4BA1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6991F7 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 #6991F7 looks like.

```
.text, #text, p{  
    color:#6991F7  
}
```

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 #6991F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6991F7
}
```

## Border

The CSS property to change the border of an element to Hex 6991F7 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
#6991F7 }
```

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

```
.border{ border-color:#6991F7 }
```

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

Here you see how a box with a 4 pixel #6991F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6991F7; -webkit-box-shadow:4px 4px  
4px 4px #6991F7; box-shadow:4px 4px 4px  
4px #6991F7 }
```

# Background

The CSS property to change the background color of an element to Hex 6991F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6991F7 }
```

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

```
.background{ background-color:#6991F7 }
```

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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