

# Converting Colors

Hex(7CA2F5)

Have a look what the booklet for  
Hex(7CA2F5) contains.

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# **Color**

**Hex(7CA2F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CA2F5
RGB	124, 162, 245
RGB Percent	49%, 64%, 96%
CMY	0.5137, 0.3647, 0.0392
CMYK	0.49, 0.34, 0.00, 0.04
HSL	221°, 86%, 72%
HSV	221°, 49%, 96%
XYZ	37.7139, 36.7183, 91.4858
YIQ	160.1000, -49.2910, 17.7570

# Conversions

## Conversions Part 2

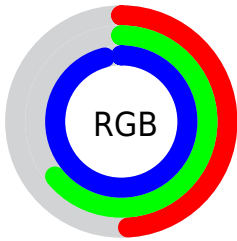
Format	Color
<a href="#">RYB</a>	124, 153, 245
Decimal	8168181
CIELab	67.07, 9.38, -45.51
CIElCh	67, 46.464, 281.642
Yxy	36.7183, 0.2273, 0.2213
Android (android.graphics.Color)	4286358261 (0xFF7CA2F5)
YUV	160.1000, 41.8557, -31.6597
Hunter-Lab	60.5956, 5.0537, -47.0976

# Details

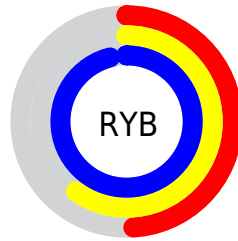
The Hex color **7CA2F5** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F5CF7C**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **B6D9FF**, and **406FBC** is the 20% darker color. If you saturate the color by 10%, you get **6491F5**, and if you desaturate by 10%, it is **94B3F5**.

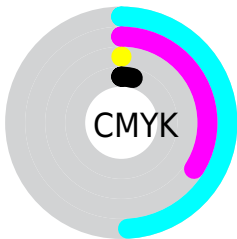
# Distribution



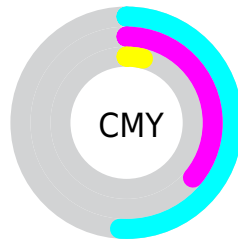
- Red (49%)
- Green (64%)
- Blue (96%)



- Red (49%)
- Yellow (60%)
- Blue (96%)



- Cyan (49%)
- Magenta (34%)
- Yellow (0%)
- Black (4%)



- Cyan (51%)
- Magenta (36%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CA2F5 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 7CA2F5 by changing the saturation by 10% instead.



 7CA2F5

 7CA2F5

FFFFFF

 5F88D8

 B6D9FF

 406FBC

 D3F5FF

 1B57A1

 F1FFFF

 004086

 002B6D

 001754

 00063C

 000225

 00010E

 7CA2F5

 7CA2F5

 6491F5

 94B3F5

 4B80F5

 ADC4F5

 3370F5

 C5D4F5

 1A5FF5

 DEE5F5

 024EF5

 F6F6F5

 004DF5

 FFFFF5

# Harmonies

## Analogous

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



00AFF2



7CA2F5



BC92E2

# Triad

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



7CA2F5



EB896E



42B787

# Complementary

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



7CA2F5



F5CF7C

# 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.



7FB163



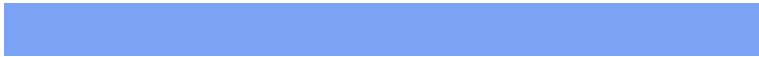
7CA2F5



D29853

# Square

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



7CA2F5



F38194



ADA64F



00B9B3

# Rectangle

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



7CA2F5



D988CC



ADA64F



59B57A



# Sweetspot

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



7CA2F5



D9E5FF



7CF5CF



697080



000000

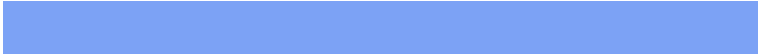


808080



# Same Dimension

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



7CA2F5



6998FF



927CF5



6E727A



003ABA



00123B



# Inverse Universe

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



F57CA2



FF6998



DFF57C



7A6E72



BA003A

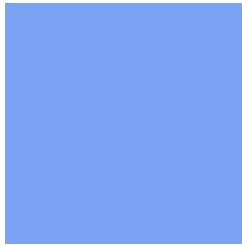


3B0012



# Previews

## White Background



This preview shows how the Hex color 7CA2F5 looks on a white background.

## Color Contrast Check

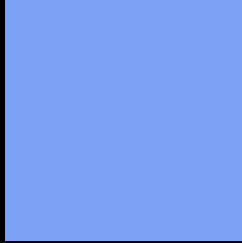
Large Text (above 18pt) WCAG AA × Fail

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 7CA2F5 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

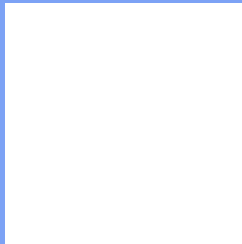
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7CA2F5 Background



This preview shows how black text looks on a background with the Hex color 7CA2F5.



This preview shows how white text looks on a background with the Hex color 7CA2F5.

# 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**  
7CA2F5

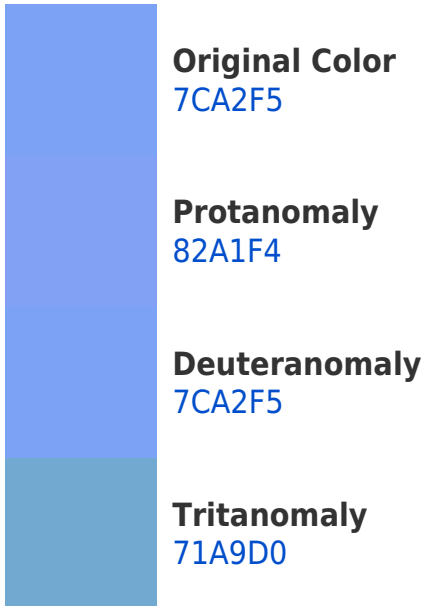
**Protanopia**  
86A0F3

**Deuteranopia**  
7CA2F5

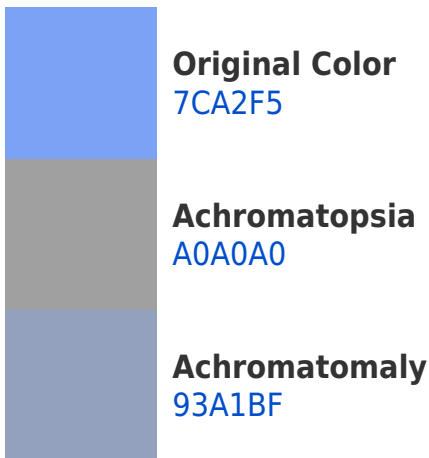


**Tritanopia**  
6AADB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CA2F5 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 #7CA2F5 looks like.

```
.text, #text, p{  
    color:#7CA2F5  
}
```

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 #7CA2F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CA2F5  
}
```

## Border

The CSS property to change the border of an element to Hex 7CA2F5 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  
#7CA2F5 }
```

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

```
.border{ border-color:#7CA2F5 }
```

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

Here you see how a box with a 4 pixel #7CA2F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CA2F5; -webkit-box-shadow:4px 4px  
4px 4px #7CA2F5; box-shadow:4px 4px 4px  
4px #7CA2F5 }
```

# Background

The CSS property to change the background color of an element to Hex 7CA2F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CA2F5 }
```

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

```
.background{ background-color:#7CA2F5 }
```

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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