

Converting Colors

Hex(7CA9F3)

Have a look what the booklet for
Hex(7CA9F3) contains.

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Color

Hex(7CA9F3)

Conversions

Conversions Part 1

Format	Color
Hex	7CA9F3
RGB	124, 169, 243
RGB Percent	49%, 66%, 95%
CMY	0.5137, 0.3373, 0.0471
CMYK	0.49, 0.30, 0.00, 0.05
HSL	217°, 83%, 72%
HSV	217°, 49%, 95%
XYZ	38.6778, 39.1321, 90.3087
YIQ	163.9810, -50.5740, 13.4740

Conversions

Conversions Part 2

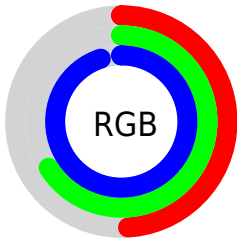
Format	Color
RYB	124, 157, 243
Decimal	8169971
CIELab	68.85, 4.80, -41.62
CIELCh	69, 41.900, 276.579
Yxy	39.1321, 0.2301, 0.2328
Android (android.graphics.Color)	4286360051 (0xFF7CA9F3)
YUV	163.9810, 38.9564, -35.0633
Hunter-Lab	62.5556, 0.8932, -41.8053

Details

The Hex color **7CA9F3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **F3C67C**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **B6E0FF**, and **4175BA** is the 20% darker color. If you saturate the color by 10%, you get **649AF3**, and if you desaturate by 10%, it is **94B8F3**.

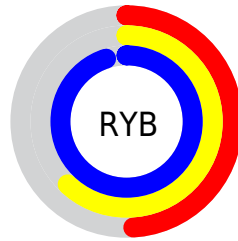
Distribution



Red (49%)

Green (66%)

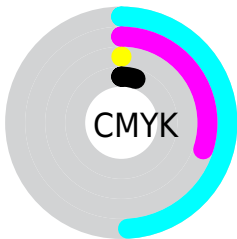
Blue (95%)



Red (49%)

Yellow (62%)

Blue (95%)

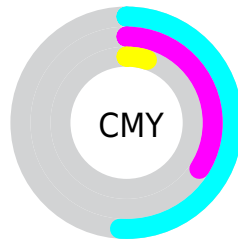


Cyan (49%)

Magenta (30%)

Yellow (0%)

Black (5%)



Cyan (51%)

Magenta (34%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CA9F3 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 7CA9F3 by changing the saturation by 10% instead.

 7CA9F3

 7CA9F3

FFFFFF

 5F8FD6

 B6E0FF

 4175BA

 D3FDFF

 1C5D9F

 F1FFFF

 004685

 00306B

 001C52

 00063B

 000224

 00000C

■ 7CA9F3

■ 7CA9F3

■ 649AF3

■ 94B8F3

■ 4B8BF3

■ ADC7F3

■ 337CF3

■ C5D6F3

■ 1B6DF3

■ DDE5F3

■ 035DF3

■ F5F5F3

■ 005CF3

■ FFFFF3

Harmonies

Analogous

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



25B4ED



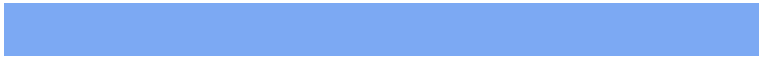
7CA9F3



B79BE5

Triad

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



7CA9F3



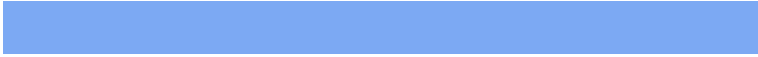
ED8F7D



5FBA89

Complementary

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



7CA9F3



F3C67C

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.



8FB369



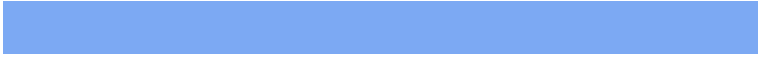
7CA9F3



D99B63

Square

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



7CA9F3



F089A1



B8A85B



0BBCAF

Rectangle

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



7CA9F3



D392D2



B8A85B



70B87D

Sweetspot

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



7CA9F3



D9E7FF



7CF3C5



697180



000000



808080

Same Dimension

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



7CA9F3



69A1FF



8A7CF3



6E737A



0046BA



00163B

Inverse Universe

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



F37CA9



FF69A1



E5F37C



7A6E73



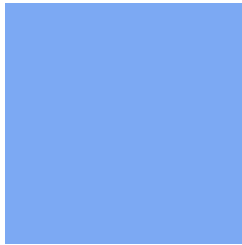
BA0046



3B0016

Previews

White Background



This preview shows how the Hex color 7CA9F3 looks on a white background.

Color Contrast Check

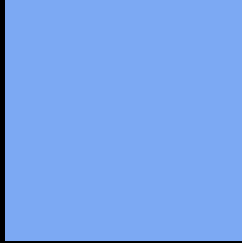
Large Text (above 18pt) WCAG AA × Fail

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 7CA9F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

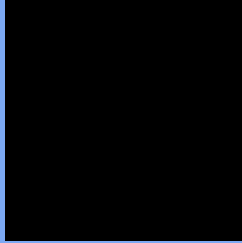
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

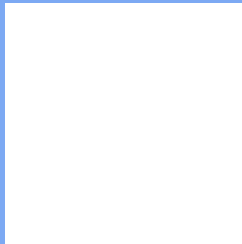
Any Text WCAG AAA ✓ Pass

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

Hex 7CA9F3 Background



This preview shows how black text looks on a background with the Hex color 7CA9F3.



This preview shows how white text looks on a background with the Hex color 7CA9F3.

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](#).

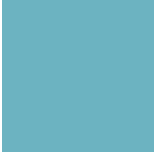
Dichromacy



Original Color
7CA9F3

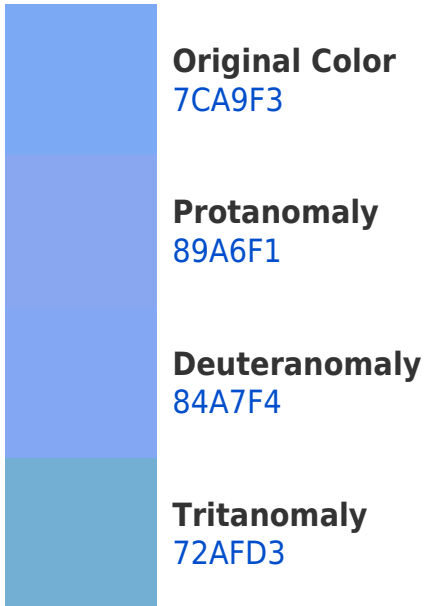
Protanopia
90A5F0

Deuteranopia
88A6F4

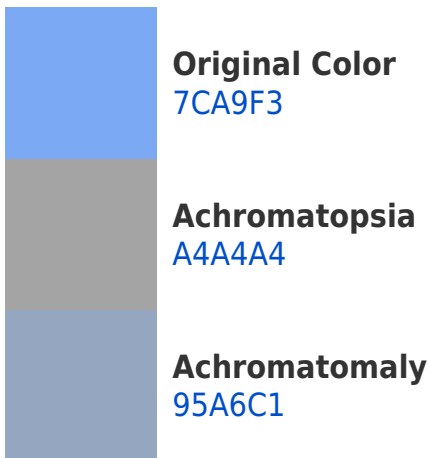


Tritanopia
6CB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7CA9F3 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 #7CA9F3 looks like.

```
.text, #text, p{  
    color:#7CA9F3  
}
```

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 #7CA9F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CA9F3
}
```

Border

The CSS property to change the border of an element to Hex 7CA9F3 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
#7CA9F3 }
```

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

```
.border{ border-color:#7CA9F3 }
```

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

Here you see how a box with a 4 pixel #7CA9F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CA9F3; -webkit-box-shadow:4px 4px  
4px 4px #7CA9F3; box-shadow:4px 4px 4px  
4px #7CA9F3 }
```

Background

The CSS property to change the background color of an element to Hex 7CA9F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CA9F3 }
```

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

```
.background{ background-color:#7CA9F3 }
```

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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