

# Converting Colors

Hex(7CABF9)

Have a look what the booklet for  
Hex(7CABF9) contains.

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# **Color**

**Hex(7CABF9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CABF9
RGB	124, 171, 249
RGB Percent	49%, 67%, 98%
CMY	0.5137, 0.3294, 0.0235
CMYK	0.50, 0.31, 0.00, 0.02
HSL	217°, 91%, 73%
HSV	217°, 50%, 98%
XYZ	39.9740, 40.2505, 95.2848
YIQ	165.8390, -53.0500, 14.2940

# Conversions

## Conversions Part 2

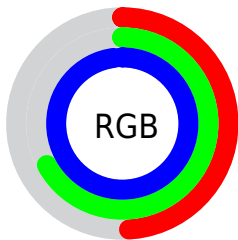
Format	Color
<a href="#">RYB</a>	<a href="#">124, 158, 249</a>
Decimal	<a href="#">8170489</a>
CIELab	<a href="#">69.65, 5.44, -43.63</a>
CIElCh	<a href="#">70, 43.971, 277.110</a>
Yxy	<a href="#">40.2505, 0.2278, 0.2293</a>
Android (android.graphics.Color)	<a href="#">4286360569 (0xFF7CABF9)</a>
YUV	<a href="#">165.8390, 40.9984, -36.6928</a>
Hunter-Lab	<a href="#">63.4432, 1.4426, -44.6368</a>

# Details

The Hex color **7CABF9** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F9CA7C**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B6E2FF**, and **4077C0** is the 20% darker color. If you saturate the color by 10%, you get **639BF9**, and if you desaturate by 10%, it is **95BBF9**.

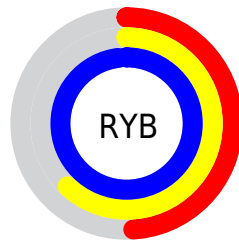
# Distribution



Red (49%)

Green (67%)

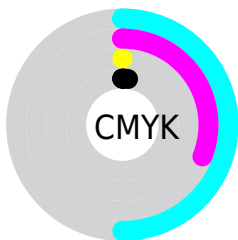
Blue (98%)



Red (49%)

Yellow (62%)

Blue (98%)

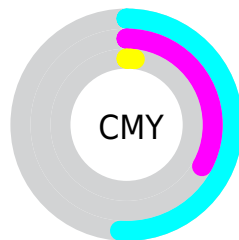


Cyan (50%)

Magenta (31%)

Yellow (0%)

Black (2%)



Cyan (51%)

Magenta (33%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CABF9 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 7CABF9 by changing the saturation by 10% instead.



 7CABF9

 7CABF9

FFFFFF

 5F91DC

 B6E2FF

 4077C0

 D4FFFF

 195FA5

 F1FFFF

 00478A

 003270

 001D57

 000340

 000329

 000113

 7CABF9

 7CABF9

 639BF9

 95BBF9

 4A8CF9

 AECAF9

 317CF9

 C7DAF9

 186DF9

 E0E9F9

 005EF9

 F9F9F9

 FFFFF9

# Harmonies

## Analogous

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



0EB7F3



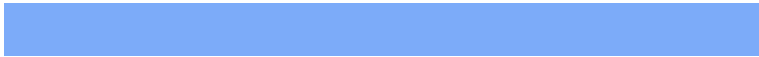
7CABF9



BA9CEA

# Triad

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



7CABF9



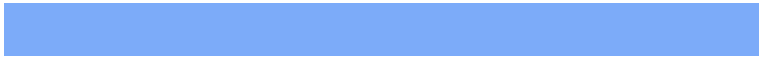
F2907C



5BBD8A

# Complementary

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



7CABF9



F9CA7C

# 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.



8FB669



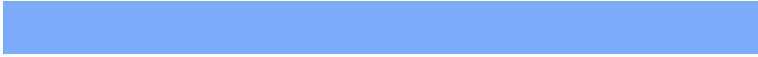
7CABF9



DC9D61

# Square

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



7CABF9



F68AA2



BAAB59



00FBF3

# Rectangle

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



7CABF9



D893D6



BAAB59



6EBB7D



# Sweetspot

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



7CABF9



D9E7FF



7CF9C9



697180



000000

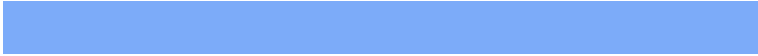


808080

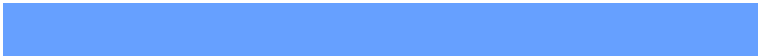


# Same Dimension

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



7CABF9



66A0FF



8B7CF9



70757D



0047BD



00173D



# Inverse Universe

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



F97CAB



FF66A0



EAF97C



7D7075



BD0047



3D0017



# Previews

## White Background



This preview shows how the Hex color 7CABF9 looks on a white background.

## Color Contrast Check

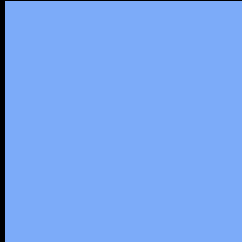
Large Text (above 18pt) WCAG AA × Fail

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 7CABF9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

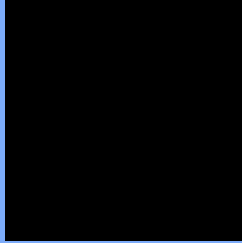
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

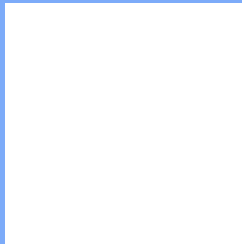
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7CABF9 Background



This preview shows how black text looks on a background with the Hex color 7CABF9.

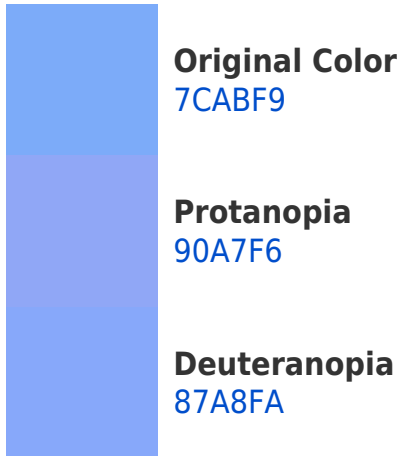


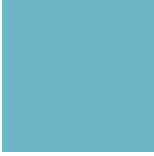
This preview shows how white text looks on a background with the Hex color 7CABF9.

# 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](#).

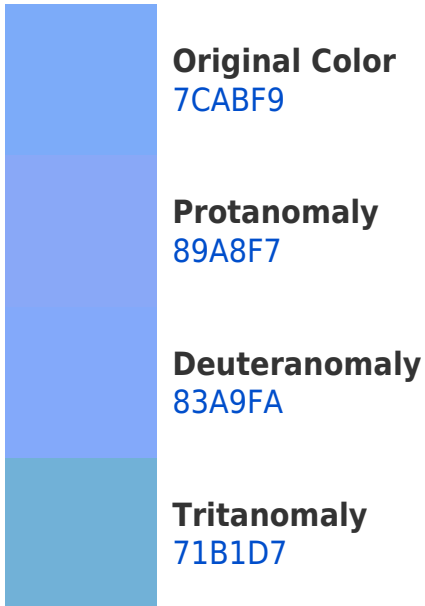
## Dichromacy



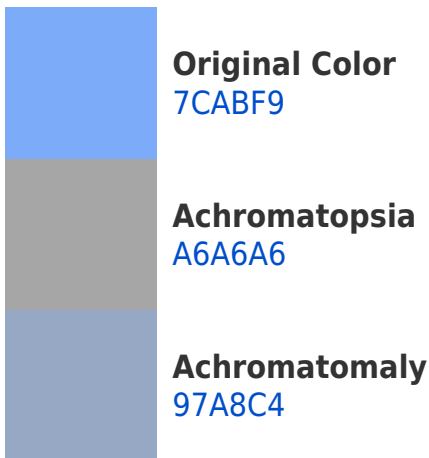


**Tritanopia**  
6BB5C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CABF9 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 #7CABF9 looks like.

```
.text, #text, p{  
    color:#7CABF9  
}
```

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 #7CABF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CABF9
}
```

## Border

The CSS property to change the border of an element to Hex 7CABF9 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
#7CABF9 }
```

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

```
.border{ border-color:#7CABF9 }
```

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

Here you see how a box with a 4 pixel #7CABF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CABF9; -webkit-box-shadow:4px 4px  
4px 4px #7CABF9; box-shadow:4px 4px 4px  
4px #7CABF9 }
```

# Background

The CSS property to change the background color of an element to Hex 7CABF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CABF9 }
```

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

```
.background{ background-color:#7CABF9 }
```

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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