

# Converting Colors

Hex(7CB5F9)

Have a look what the booklet for  
Hex(7CB5F9) contains.

<b>Hex(7CB5F9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(7CB5F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CB5F9
RGB	124, 181, 249
RGB Percent	49%, 71%, 98%
CMY	0.5137, 0.2902, 0.0235
CMYK	0.50, 0.27, 0.00, 0.02
HSL	213°, 91%, 73%
HSV	213°, 50%, 98%
XYZ	41.9349, 44.1724, 95.9384
YIQ	171.7090, -55.8000, 9.0640

# Conversions

## Conversions Part 2

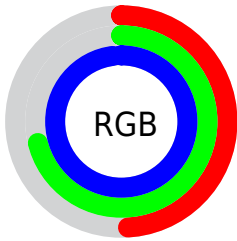
Format	Color
<a href="#">RYB</a>	<a href="#">124, 163, 249</a>
Decimal	<a href="#">8173049</a>
CIELab	<a href="#">72.34, -0.15, -39.42</a>
CIELCh	<a href="#">72, 39.421, 269.782</a>
Yxy	<a href="#">44.1724, 0.2304, 0.2426</a>
Android (android.graphics.Color)	<a href="#">4286363129</a> ( <a href="#">0xFF7CB5F9</a> )
YUV	<a href="#">171.7090, 38.1045, -41.8408</a>
Hunter-Lab	<a href="#">66.4623, -3.6830, -39.0616</a>

# Details

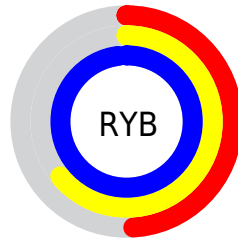
The Hex color **7CB5F9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F9C07C**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **B6EDFF**, and **4080C0** is the 20% darker color. If you saturate the color by 10%, you get **63A7F9**, and if you desaturate by 10%, it is **95C3F9**.

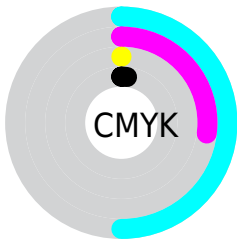
# Distribution



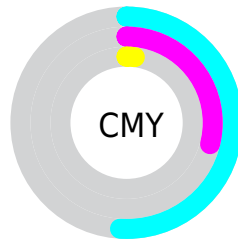
- Red (49%)
- Green (71%)
- Blue (98%)



- Red (49%)
- Yellow (64%)
- Blue (98%)



- Cyan (50%)
- Magenta (27%)
- Yellow (0%)
- Black (2%)



- Cyan (51%)
- Magenta (29%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CB5F9 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 7CB5F9 by changing the saturation by 10% instead.



 7CB5F9

 7CB5F9

FFFFFF

 5F9ADC

 B6EDFF

 4080C0

 D4FFFF

 1868A5


 F2FFFF


 00508A

 003971

 002458

 000E40

 000329

 000113

■ 7CB5F9

■ 7CB5F9

■ 63A7F9

■ 95C3F9

■ 4A9AF9

■ AED0F9

■ 318CF9

■ C7DEF9

■ 187FF9

■ E0EBF9

■ 0072F9

■ F9F9F9

■ FFFFF9

# Harmonies

## Analogous

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



39BFEF



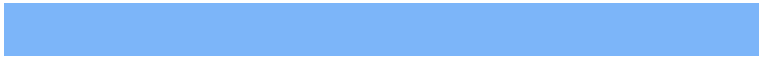
7CB5F9



B5A8F0

# Triad

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



7CB5F9



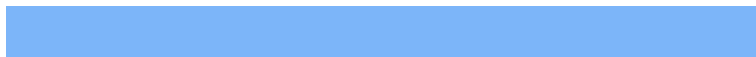
F6988F



79C18C

# Complementary

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



7CB5F9



F9C07C

# 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.



A4BA72



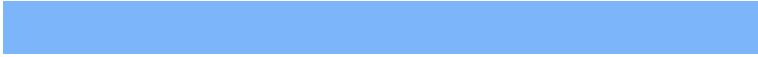
7CB5F9



E6A374

# Square

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



7CB5F9



F495B3



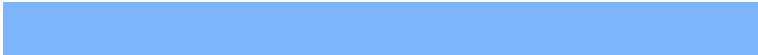
C9AF69



46C5B0

# Rectangle

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



7CB5F9



D3A0E0



C9AF69

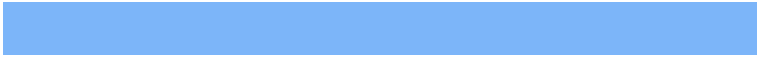


88BF82

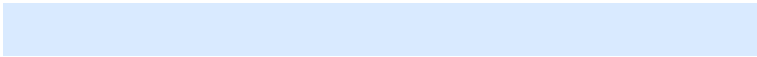


# Sweetspot

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



7CB5F9



D9EAFF



7CF9BF



697380



000000

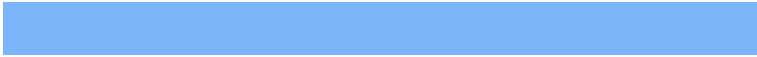


808080

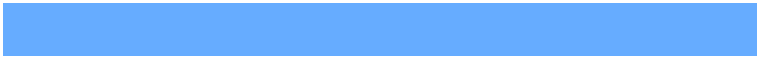


# Same Dimension

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



7CB5F9



66ACFF



807CF9



70767D



0056BD



001C3D



# Inverse Universe

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



F97CB5



FF66AC



F5F97C



7D7076



BD0056



3D001C



# Previews

## White Background



This preview shows how the Hex color 7CB5F9 looks on a white background.

## Color Contrast Check

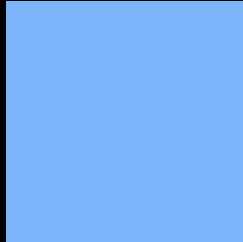
Large Text (above 18pt) WCAG AA × Fail

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 7CB5F9 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

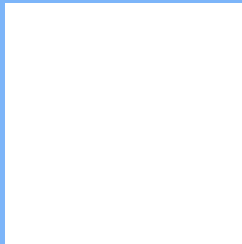
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7CB5F9 Background



This preview shows how black text looks on a background with the Hex color 7CB5F9.

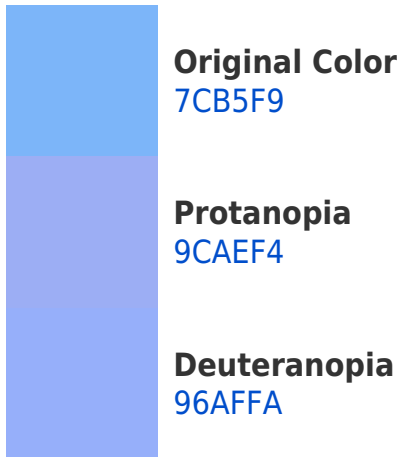


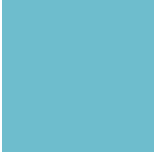
This preview shows how white text looks on a background with the Hex color 7CB5F9.

# 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](#).

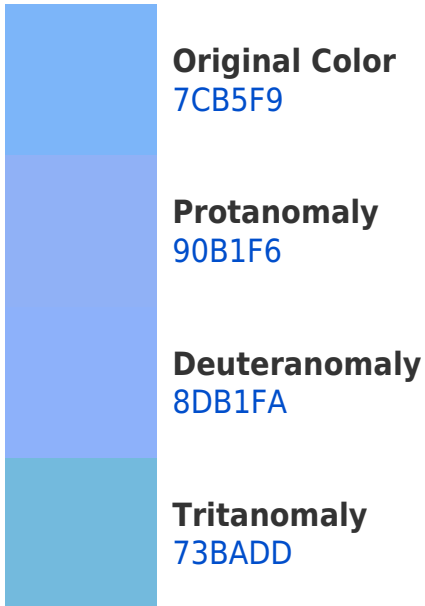
## Dichromacy



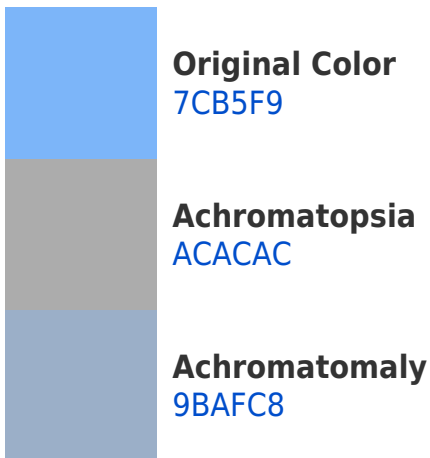


**Tritanopia**  
6EBDCD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CB5F9 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 #7CB5F9 looks like.

```
.text, #text, p{  
    color:#7CB5F9  
}
```

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 #7CB5F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CB5F9
}
```

## Border

The CSS property to change the border of an element to Hex 7CB5F9 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
#7CB5F9 }
```

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

```
.border{ border-color:#7CB5F9 }
```

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

Here you see how a box with a 4 pixel #7CB5F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CB5F9; -webkit-box-shadow:4px 4px  
4px 4px #7CB5F9; box-shadow:4px 4px 4px  
4px #7CB5F9 }
```

# Background

The CSS property to change the background color of an element to Hex 7CB5F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CB5F9 }
```

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

```
.background{ background-color:#7CB5F9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor