

Converting Colors

Hex(7CBDF9)

Have a look what the booklet for
Hex(7CBDF9) contains.

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Color

Hex(7CBDF9)

Conversions

Conversions Part 1

Format	Color
Hex	7CBDF9
RGB	124, 189, 249
RGB Percent	49%, 74%, 98%
CMY	0.5137, 0.2588, 0.0235
CMYK	0.50, 0.24, 0.00, 0.02
HSL	209°, 91%, 73%
HSV	209°, 50%, 98%
XYZ	43.6087, 47.5198, 96.4964
YIQ	176.4050, -58.0000, 4.8800

Conversions

Conversions Part 2

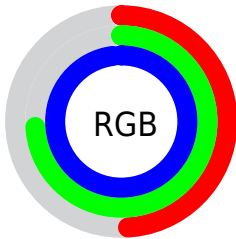
Format	Color
RYB	124, 167, 249
Decimal	8175097
CIELab	74.52, -4.54, -36.04
CIELCh	75, 36.322, 262.824
Yxy	47.5198, 0.2324, 0.2533
Android (android.graphics.Color)	4286365177 (0xFF7CBDF9)
YUV	176.4050, 35.7893, -45.9592
Hunter-Lab	68.9346, -7.7149, -34.7413

Details

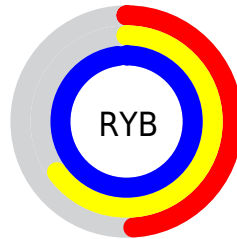
The Hex color **7CBDF9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F9B87C**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B6F5FF**, and **3F88C0** is the 20% darker color. If you saturate the color by 10%, you get **63B1F9**, and if you desaturate by 10%, it is **95C9F9**.

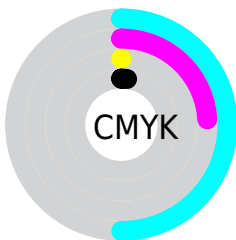
Distribution



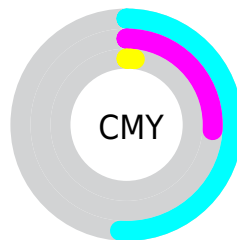
- Red (49%)
- Green (74%)
- Blue (98%)



- Red (49%)
- Yellow (65%)
- Blue (98%)



- Cyan (50%)
- Magenta (24%)
- Yellow (0%)
- Black (2%)



- Cyan (51%)
- Magenta (26%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CBDF9 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 7CBDF9 by changing the saturation by 10% instead.

 7CBDF9

 7CBDF9

FFFFFF

 5FA2DC

 B6F5FF

 3F88C0

 D4FFFF

 186FA5

 F2FFFF

 00568A

 003F71

 002A58

 001640

 00032A

 000114

■ 7CBDF9

■ 7CBDF9

■ 63B1F9

■ 95C9F9

■ 4AA5F9

■ AED5F9

■ 3199F9

■ C7E1F9

■ 188DF9

■ E0EDF9

■ 0081F9

■ F9F9F9

■ FFFFF9

Harmonies

Analogous

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



4BC5EC



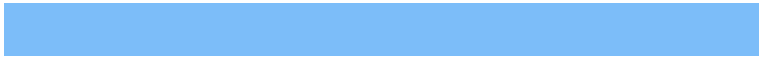
7CBDF9



B0B2F5

Triad

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



7CBDF9



F99F9F



8DC58E

Complementary

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



7CBDF9



F9B87C

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.



B4BD79



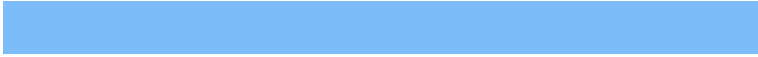
7CBDF9



EEA783

Square

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



7CBDF9



F39FC1



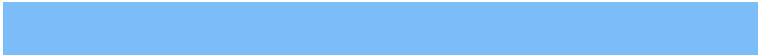
D5B375



64C9AE

Rectangle

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



7CBDF9



CEAAE8



D5B375



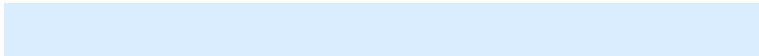
9AC385

Sweetspot

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



7CBDF9



D9EDFF



7CF9B6



697480



000000



808080

Same Dimension

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



7CBDF9



66B6FF



7C80F9



70777D



0062BD



00203D

Inverse Universe

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



F97CBD



FF66B6



F9F57C



7D7077



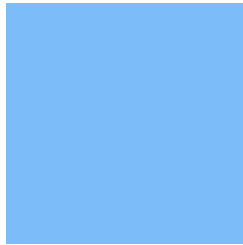
BD0062



3D0020

Previews

White Background



This preview shows how the Hex color 7CBDF9 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 7CBDF9 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

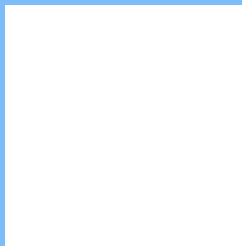
Any Text WCAG AAA ✓ Pass

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

Hex 7CBDF9 Background



This preview shows how black text looks on a background with the Hex color 7CBDF9.



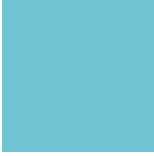
This preview shows how white text looks on a background with the Hex color 7CBDF9.

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](#).

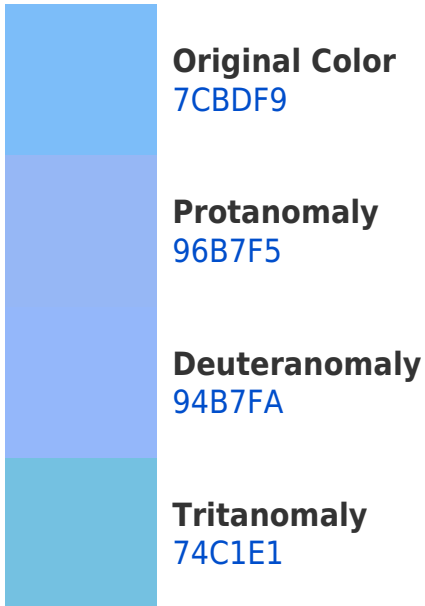
Dichromacy



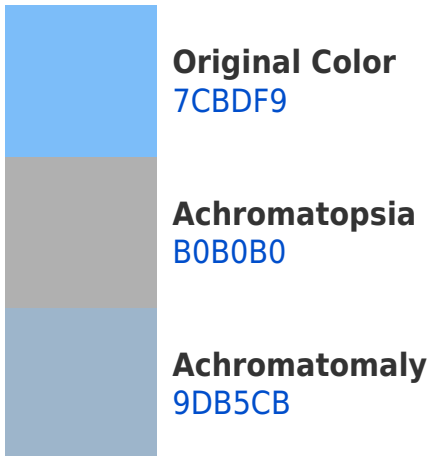


Tritanopia
70C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7CBDF9 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 #7CBDF9 looks like.

```
.text, #text, p{  
    color:#7CBDF9  
}
```

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 #7CBDF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CBDF9
}
```

Border

The CSS property to change the border of an element to Hex 7CBDF9 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
#7CBDF9 }
```

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

```
.border{ border-color:#7CBDF9 }
```

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

Here you see how a box with a 4 pixel #7CBDF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CBDF9; -webkit-box-shadow:4px 4px  
4px 4px #7CBDF9; box-shadow:4px 4px 4px  
4px #7CBDF9 }
```

Background

The CSS property to change the background color of an element to Hex 7CBDF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CBDF9 }
```

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

```
.background{ background-color:#7CBDF9 }
```

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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