

Converting Colors

Hex(71C7F4)

Have a look what the booklet for
Hex(71C7F4) contains.

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Color

Hex(71C7F4)

Conversions

Conversions Part 1	
Format	Color
Hex	71C7F4
RGB	113, 199, 244
RGB Percent	44%, 78%, 96%
CMY	0.5569, 0.2196, 0.0431
CMYK	0.54, 0.18, 0.00, 0.04
HSL	201°, 86%, 70%
HSV	201°, 54%, 96%
XYZ	43.5626, 50.8892, 93.1146
YIQ	178.4160, -65.7010, -4.2370

Conversions

Conversions Part 2

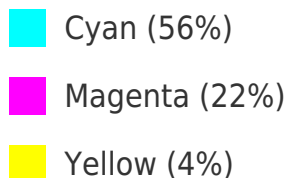
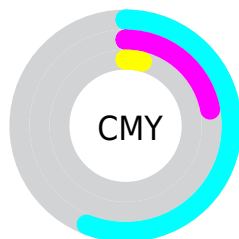
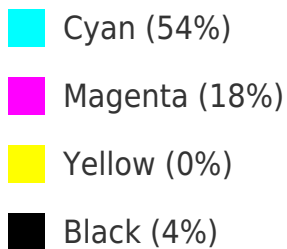
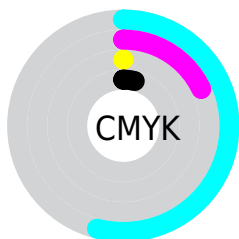
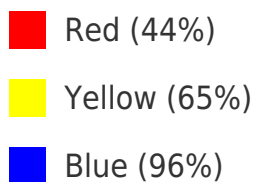
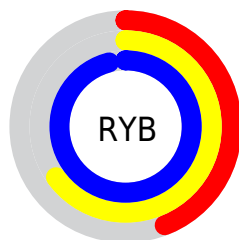
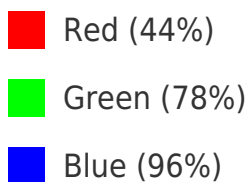
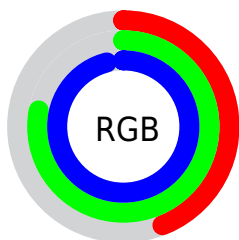
Format	Color
RYB	113, 165, 244
Decimal	7456756
CIELab	76.61, -13.69, -30.16
CIELCh	77, 33.122, 245.595
Yxy	50.8892, 0.2323, 0.2713
Android (android.graphics.Color)	4285646836 (0xFF71C7F4)
YUV	178.4160, 32.3329, -57.3698
Hunter-Lab	71.3367, -15.8360, -27.4546

Details

The Hex color **71C7F4** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F49E71**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **ACFFFF**, and **3091BC** is the 20% darker color. If you saturate the color by 10%, you get **59BFF4**, and if you desaturate by 10%, it is **89CFF4**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 71C7F4 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 71C7F4 by changing the saturation by 10% instead.

 71C7F4

 71C7F4

FFFFFF

 52ACD7

 ACFFFF

 3091BC

 CAFFFF

 0077A1

 E8FFFF

 005F86

 00476D

 003154

 001D3D

 000327

 000110

 71C7F4

 71C7F4

 59BFF4

 89CFF4

 40B6F4

 A2D8F4

 28AEF4

 BAE0F4

 0FA5F4

 D3E9F4

 00A0F4

 EBF1F4

 FFF9F4

 FFFFF4

Harmonies

Analogous

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



59CCE0



71C7F4



9DBEFA

Triad

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



71C7F4



F9A6B8



ACC68A

Complementary

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



71C7F4



F49E71

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.



CDBD80



71C7F4



F8AA9B

Square

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



71C7F4



E9AAD7



E8B386



88CCA3

Rectangle

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



71C7F4



BBB7F4



E8B386



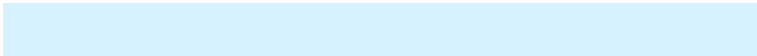
B7C385

Sweetspot

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



71C7F4



D6F1FF



71F49D



677780



000000



808080

Same Dimension

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



71C7F4



5CC7FF



7187F4



6E767A



007ABA



00273B

Inverse Universe

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



F471C7



FF5CC7



F4DE71



7A6E76



BA007A



3B0027

Previews

White Background



This preview shows how the Hex color 71C7F4 looks on a white background.

Color Contrast Check

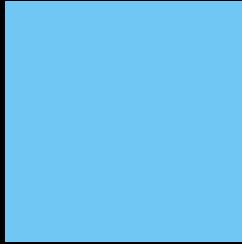
Large Text (above 18pt) WCAG AA × Fail

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 71C7F4 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

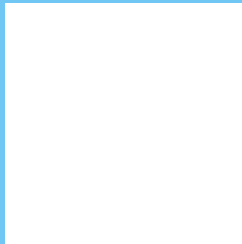
Any Text WCAG AAA ✓ Pass

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

Hex 71C7F4 Background



This preview shows how black text looks on a background with the Hex color 71C7F4.



This preview shows how white text looks on a background with the Hex color 71C7F4.

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](#).

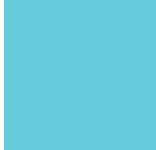
Dichromacy



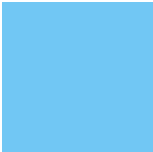
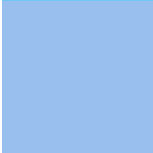
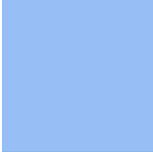

Original Color
71C7F4

Protanopia
B0BAEB

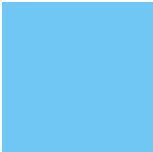
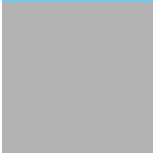

Deuteranopia
AEB9F7



Trichromacy

	Original Color 71C7F4
	Protanomaly 99BFEE
	Deuteranomaly 98BEF6
	Tritanomaly 6BCAE5

Monochromacy

	Original Color 71C7F4
	Achromatopsia B2B2B2
	Achromatomaly 9ABACA

CSS Examples

Text

The CSS property to change the color of the text to Hex 71C7F4 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 #71C7F4 looks like.

```
.text, #text, p{  
    color:#71C7F4  
}
```

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 #71C7F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71C7F4
}
```

Border

The CSS property to change the border of an element to Hex 71C7F4 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
#71C7F4 }
```

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

```
.border{ border-color:#71C7F4 }
```

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

Here you see how a box with a 4 pixel #71C7F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71C7F4; -webkit-box-shadow:4px 4px  
4px 4px #71C7F4; box-shadow:4px 4px 4px  
4px #71C7F4 }
```

Background

The CSS property to change the background color of an element to Hex 71C7F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71C7F4 }
```

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

```
.background{ background-color:#71C7F4 }
```

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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