

Converting Colors

Hex(71C0F4)

Have a look what the booklet for
Hex(71C0F4) contains.

Hex(71C0F4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(71C0F4)

Conversions

Conversions Part 1

Format	Color
Hex	71C0F4
RGB	113, 192, 244
RGB Percent	44%, 75%, 96%
CMY	0.5569, 0.2471, 0.0431
CMYK	0.54, 0.21, 0.00, 0.04
HSL	204°, 86%, 70%
HSV	204°, 54%, 96%
XYZ	41.9888, 47.7416, 92.5900
YIQ	174.3070, -63.7760, -0.5760

Conversions

Conversions Part 2

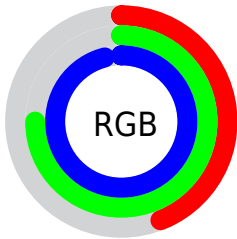
Format	Color
R _Y B	113, 162, 244
Decimal	7454964
CIE Lab	74.66, -9.98, -33.17
CIE LCh	75, 34.636, 253.255
Yxy	47.7416, 0.2303, 0.2619
Android (android.graphics.Color)	4285645044 (0xFF71C0F4)
YUV	174.3070, 34.3586, -53.7662
Hunter-Lab	69.0953, -12.4434, -31.0838

Details

The Hex color **71C0F4** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F4A571**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **ACF8FF**, and **308BBC** is the 20% darker color. If you saturate the color by 10%, you get **59B6F4**, and if you desaturate by 10%, it is **89CAF4**.

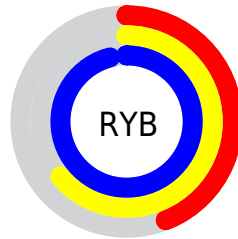
Distribution



Red (44%)

Green (75%)

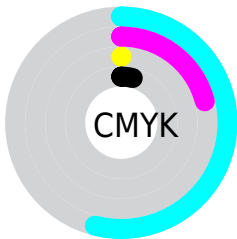
Blue (96%)



Red (44%)

Yellow (64%)

Blue (96%)

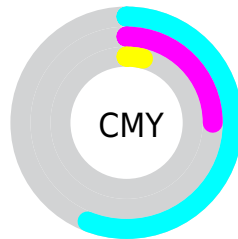


Cyan (54%)

Magenta (21%)

Yellow (0%)

Black (4%)



Cyan (56%)


Magenta (25%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71C0F4 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 71C0F4 by changing the saturation by 10% instead.

 71C0F4

 71C0F4

FFFFFF

 52A5D7

 ACF8FF

 308BBC

 CAFFFF

 0071A0

 E8FFFF


 005986

 00426D

 002C54

 00183C

 000326

 00010F

 71C0F4

 71C0F4

 59B6F4

 89CAF4

 40ADF4

 A2D3F4

 28A3F4

 BADDF4

 0F99F4

 D3E7F4

 0093F4

 EBF0F4

 FFFAF4

 FFFFF4

Harmonies

Analogous

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



4DC7E2



71C0F4



A2B6F5

Triad

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



71C0F4



F7A0AB



9CC388

Complementary

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



71C0F4



F4A571

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.



BFBA79



71C0F4



F1A58D

Square

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



71C0F4



EBA2CB



DDB07B



76C8A4

Rectangle

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



71C0F4



C0AEED



DDB07B



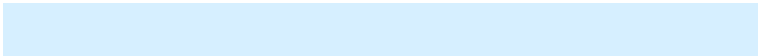
A8C082

Sweetspot

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



71C0F4



D6EFFF



71F4A3



677680



000000



808080

Same Dimension

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



71C0F4



5CBEFF



7180F4



6E767A



0070BA



00233B

Inverse Universe

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



F471C0



FF5CBE



F4E571



7A6E76



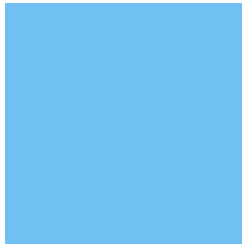
BA0070



3B0023

Previews

White Background



This preview shows how the Hex color 71C0F4 looks on a white background.

Color Contrast Check

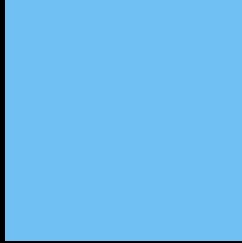
Large Text (above 18pt) WCAG AA × Fail

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 71C0F4 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

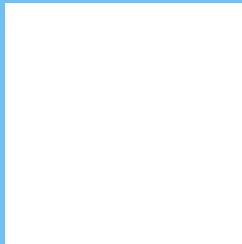
Any Text WCAG AAA ✓ Pass

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

Hex 71C0F4 Background



This preview shows how black text looks on a background with the Hex color 71C0F4.

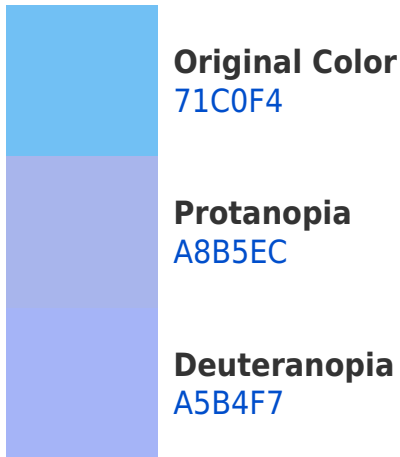


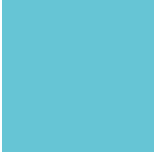
This preview shows how white text looks on a background with the Hex color 71C0F4.

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](#).

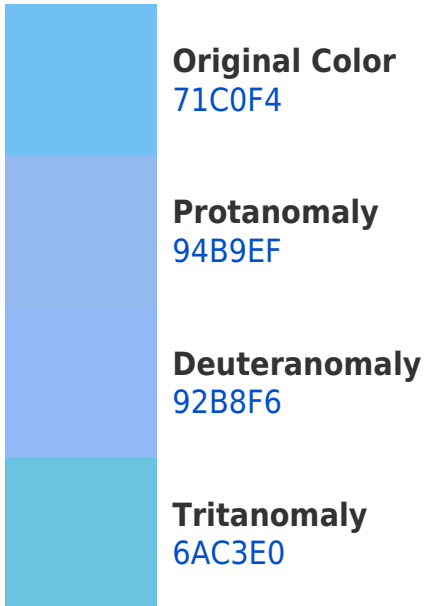
Dichromacy





Tritanopia
66C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71C0F4 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 #71C0F4 looks like.

```
.text, #text, p{  
    color:#71C0F4  
}
```

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 #71C0F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71C0F4
}
```

Border

The CSS property to change the border of an element to Hex 71C0F4 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
#71C0F4 }
```

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

```
.border{ border-color:#71C0F4 }
```

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

Here you see how a box with a 4 pixel #71C0F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71C0F4; -webkit-box-shadow:4px 4px  
4px 4px #71C0F4; box-shadow:4px 4px 4px  
4px #71C0F4 }
```

Background

The CSS property to change the background color of an element to Hex 71C0F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71C0F4 }
```

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

```
.background{ background-color:#71C0F4 }
```

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