

Converting Colors

Hex(71A8F0)

Have a look what the booklet for
Hex(71A8F0) contains.

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Color

Hex(71A8F0)

Conversions

Conversions Part 1

Format	Color
Hex	71A8F0
RGB	113, 168, 240
RGB Percent	44%, 66%, 94%
CMY	0.5569, 0.3412, 0.0588
CMYK	0.53, 0.30, 0.00, 0.06
HSL	214°, 81%, 69%
HSV	214°, 53%, 94%
XYZ	36.5409, 37.8072, 87.8097
YIQ	159.7630, -55.8920, 10.7320

Conversions

Conversions Part 2

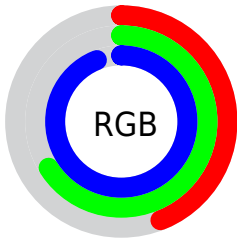
Format	Color
R _Y B	113, 151, 240
Decimal	7448816
CIE Lab	67.88, 2.02, -41.54
CIE LCh	68, 41.593, 272.786
Yxy	37.8072, 0.2253, 0.2332
Android (android.graphics.Color)	4285638896 (0xFF71A8F0)
YUV	159.7630, 39.5568, -41.0112
Hunter-Lab	61.4876, -1.5243, -41.6300

Details

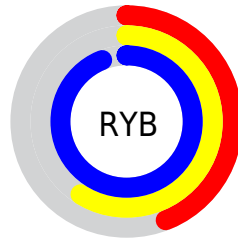
The Hex color **71A8F0** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **F0B971**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **ABDFFF**, and **3274B8** is the 20% darker color. If you saturate the color by 10%, you get **599AF0**, and if you desaturate by 10%, it is **89B6F0**.

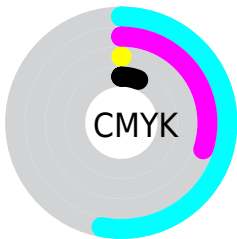
Distribution



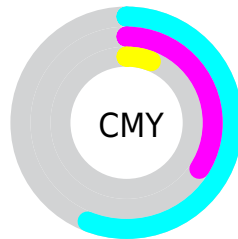
- Red (44%)
- Green (66%)
- Blue (94%)



- Red (44%)
- Yellow (59%)
- Blue (94%)



- Cyan (53%)
- Magenta (30%)
- Yellow (0%)
- Black (6%)



- Cyan (56%)
- Magenta (34%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71A8F0 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 71A8F0 by changing the saturation by 10% instead.

 71A8F0

 71A8F0

FFFFFF

 538ED3

 ABDFFF

 3274B8

 C9FBFF

 005C9C

 E6FFFF

 004582

 002F69

 001B50

 000539

 000222

 000008

 71A8F0

 71A8F0

 599AF0


 89B6F0

 418DF0

 A1C3F0

 297FF0

 B9D1F0

 1172F0

 D1DEF0

 0068F0

 E9ECF0

 FFFAF0

 FFFFF0

Harmonies

Analogous

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



08B2E7



71A8F0



AE9AE5

Triad

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



71A8F0



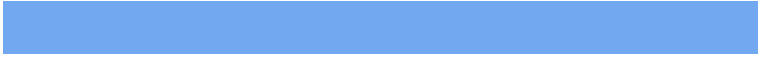
EB8B7F



64B682

Complementary

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



71A8F0



F0B971

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.



92AF65



71A8F0



D99763

Square

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



71A8F0



EC87A3



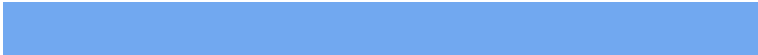
BAA459



1DB9A8

Rectangle

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



71A8F0



CC91D3



BAA459



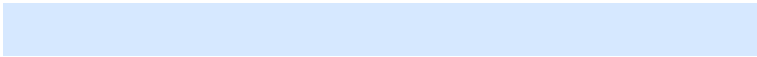
74B477

Sweetspot

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



71A8F0



D6E8FF



71F0B9



677280



000000



808080

Same Dimension

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



71A8F0



5CA2FF



7971F0



6C7178



0050B8



001838

Inverse Universe

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



F071A8



FF5CA2



E8F071



786C71



B80050



380018

Previews

White Background



This preview shows how the Hex color 71A8F0 looks on a white background.

Color Contrast Check

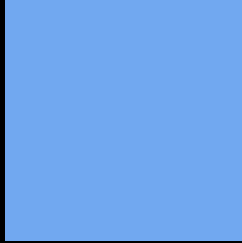
Large Text (above 18pt) WCAG AA × Fail

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 71A8F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

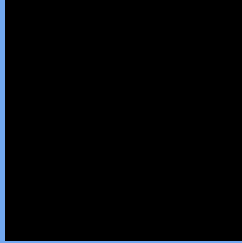
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

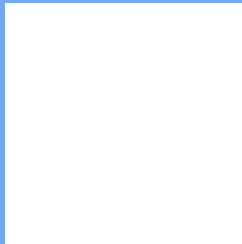
Any Text WCAG AAA ✓ Pass

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

Hex 71A8F0 Background



This preview shows how black text looks on a background with the Hex color 71A8F0.



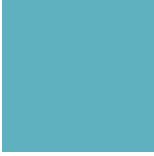
This preview shows how white text looks on a background with the Hex color 71A8F0.

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](#).

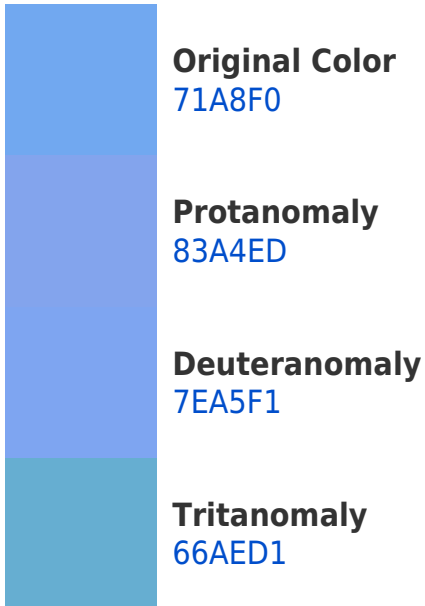
Dichromacy



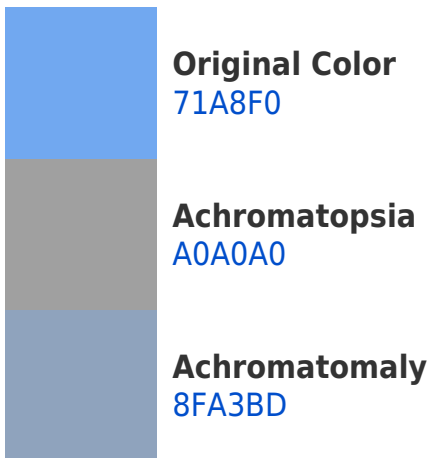


Tritanopia
60B1C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71A8F0 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 #71A8F0 looks like.

```
.text, #text, p{  
    color:#71A8F0  
}
```

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 #71A8F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A8F0  
}
```

Border

The CSS property to change the border of an element to Hex 71A8F0 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  
#71A8F0 }
```

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

```
.border{ border-color:#71A8F0 }
```

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

Here you see how a box with a 4 pixel #71A8F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71A8F0; -webkit-box-shadow:4px 4px  
4px 4px #71A8F0; box-shadow:4px 4px 4px  
4px #71A8F0 }
```

Background

The CSS property to change the background color of an element to Hex 71A8F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71A8F0 }
```

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

```
.background{ background-color:#71A8F0 }
```

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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