

Converting Colors

Hex(71A2F4)

Have a look what the booklet for
Hex(71A2F4) contains.

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Color

Hex(71A2F4)

Conversions

Conversions Part 1

Format	Color
Hex	71A2F4
RGB	113, 162, 244
RGB Percent	44%, 64%, 96%
CMY	0.5569, 0.3647, 0.0431
CMYK	0.54, 0.34, 0.00, 0.04
HSL	218°, 86%, 70%
HSV	218°, 54%, 96%
XYZ	36.0595, 35.8830, 90.6135
YIQ	156.6970, -55.5260, 15.1140

Conversions

Conversions Part 2

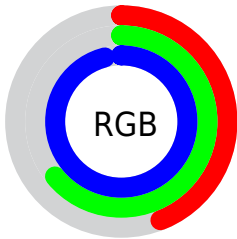
Format	Color
R _Y B	113, 149, 244
Decimal	7447284
CIE Lab	66.43, 6.66, -46.00
CIE LCh	66, 46.481, 278.237
Yxy	35.8830, 0.2218, 0.2207
Android (android.graphics.Color)	4285637364 (0xFF71A2F4)
YUV	156.6970, 43.0404, -38.3223
Hunter-Lab	59.9024, 2.6225, -47.7554

Details

The Hex color **71A2F4** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F4C371**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **ACD9FF**, and **316FBB** is the 20% darker color. If you saturate the color by 10%, you get **5993F4**, and if you desaturate by 10%, it is **89B1F4**.

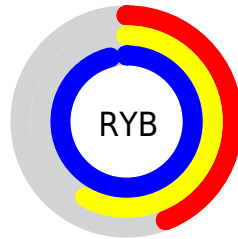
Distribution



Red (44%)

Green (64%)

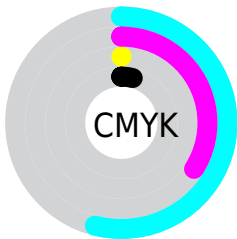
Blue (96%)



Red (44%)

Yellow (58%)

Blue (96%)

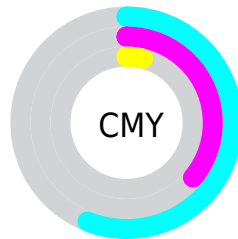


Cyan (54%)

Magenta (34%)

Yellow (0%)

Black (4%)



Cyan (56%)

Magenta (36%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71A2F4 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 71A2F4 by changing the saturation by 10% instead.

 71A2F4

 71A2F4

FFFFFF

 5388D7

 ACD9FF

 316FBB

 C9F5FF

 0057A0

 E7FFFF

 004085

 002B6C

 001753

 00063B

 000225

 00010D

 71A2F4

 71A2F4

 5993F4

 89B1F4

 4083F4

 A2C1F4

 2874F4

 BAD0F4

 0F65F4

 D3DFF4

 005BF4

 EBEEF4

 FFFE4

 FFFF4

Harmonies

Analogous

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



00AEEE



71A2F4



B492E3

Triad

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



71A2F4



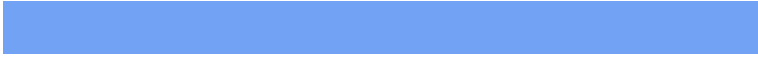
EB8670



48B581

Complementary

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



71A2F4



F4C371

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.



83AE5E



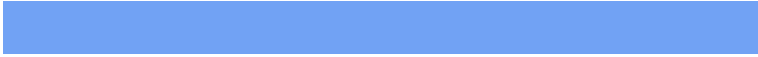
71A2F4



D49454

Square

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



71A2F4



F07F98



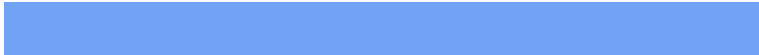
B0A34C



00B7AC

Rectangle

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



71A2F4



D388CE



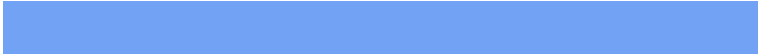
B0A34C



5FB374

Sweetspot

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



71A2F4



D6E5FF



71F4C2



677080



000000



808080

Same Dimension

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



71A2F4



5C99FF



8071F4



6E737A



0046BA



00163B

Inverse Universe

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



F471A2



FF5C99



E5F471



7A6E73



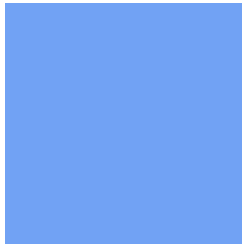
BA0046



3B0016

Previews

White Background



This preview shows how the Hex color 71A2F4 looks on a white background.

Color Contrast Check

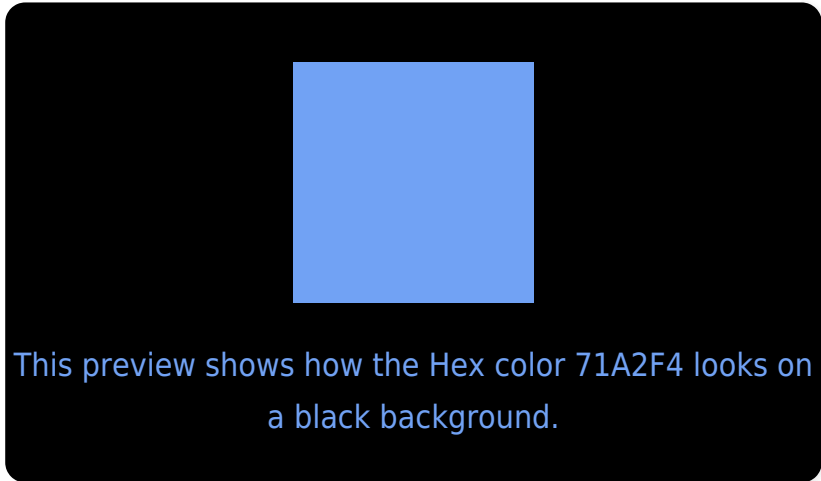
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

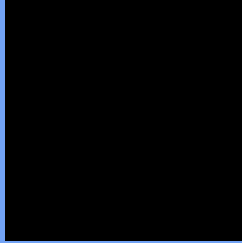
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

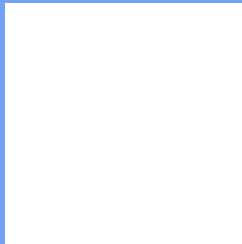
Any Text WCAG AAA ✓ Pass

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

Hex 71A2F4 Background



This preview shows how black text looks on a background with the Hex color 71A2F4.

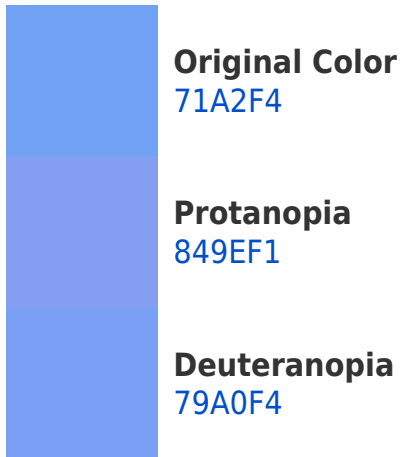


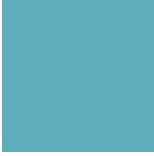
This preview shows how white text looks on a background with the Hex color 71A2F4.

Color Blindness Simulation

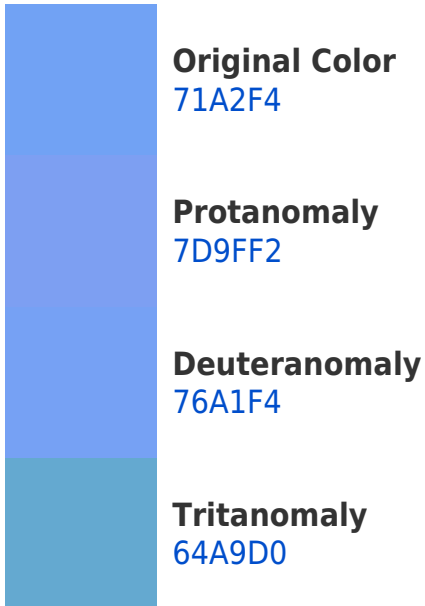
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

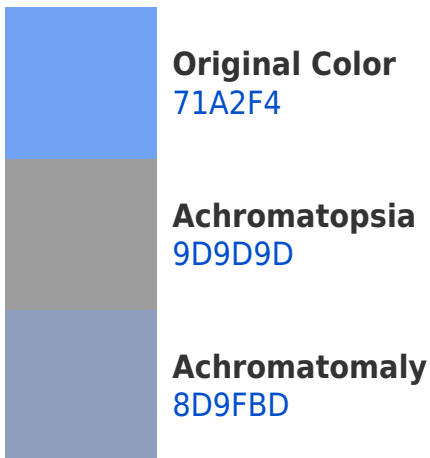




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71A2F4 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 #71A2F4 looks like.

```
.text, #text, p{  
    color:#71A2F4  
}
```

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 #71A2F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A2F4
}
```

Border

The CSS property to change the border of an element to Hex 71A2F4 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
#71A2F4 }
```

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

```
.border{ border-color:#71A2F4 }
```

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

Here you see how a box with a 4 pixel #71A2F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71A2F4; -webkit-box-shadow:4px 4px  
4px 4px #71A2F4; box-shadow:4px 4px 4px  
4px #71A2F4 }
```

Background

The CSS property to change the background color of an element to Hex 71A2F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71A2F4 }
```

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

```
.background{ background-color:#71A2F4 }
```

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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