

Converting Colors

Hex(70A5F4)

Have a look what the booklet for
Hex(70A5F4) contains.

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Color

Hex(70A5F4)

Conversions

Conversions Part 1

Format	Color
Hex	70A5F4
RGB	112, 165, 244
RGB Percent	44%, 65%, 96%
CMY	0.5608, 0.3529, 0.0431
CMYK	0.54, 0.32, 0.00, 0.04
HSL	216°, 86%, 70%
HSV	216°, 54%, 96%
XYZ	36.4664, 36.8867, 90.7858
YIQ	158.1590, -56.9470, 13.3330

Conversions

Conversions Part 2

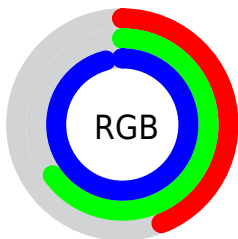
Format	Color
R_{YB}	112, 150, 244
Decimal	7382516
CIE _{Lab}	67.19, 4.73, -44.81
CIE _{LCh}	67, 45.057, 276.030
Yxy	36.8867, 0.2222, 0.2247
Android (android.graphics.Color)	4285572596 (0xFF70A5F4)
YUV	158.1590, 42.3196, -40.4814
Hunter-Lab	60.7344, 0.8904, -46.1127

Details

The Hex color **70A5F4** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F4BF70**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **ABDCFF**, and **3072BB** is the 20% darker color. If you saturate the color by 10%, you get **5896F4**, and if you desaturate by 10%, it is **88B4F4**.

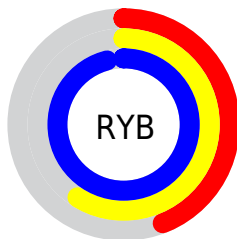
Distribution



Red (44%)

Green (65%)

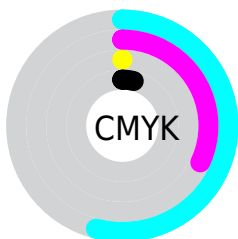
Blue (96%)



Red (44%)

Yellow (59%)

Blue (96%)

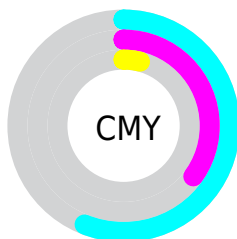


Cyan (54%)

Magenta (32%)

Yellow (0%)

Black (4%)



Cyan (56%)

Magenta (35%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70A5F4 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 70A5F4 by changing the saturation by 10% instead.

 70A5F4

 70A5F4


FFFFFF

 528BD7

 ABDCFF

 3072BB

 C8F8FF

 0059A0

 E6FFFF

 004286

 002D6C

 001953

 00063B

 000225

 00010D

 70A5F4

 70A5F4

 5896F4

 88B4F4

 3F88F4

 A1C2F4

 2779F4

 B9D1F4

 0E6BF4

 D2DFF4

 0062F4

 EAEEF4

 FFFDF4

 FFFFF4

Harmonies

Analogous

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



00B1ED



70A5F4



B296E5

Triad

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



70A5F4



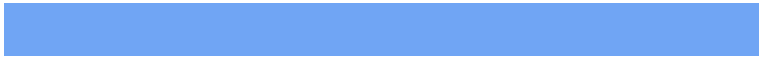
ED8876



54B681

Complementary

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



70A5F4



F4BF70

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.



8AAF60



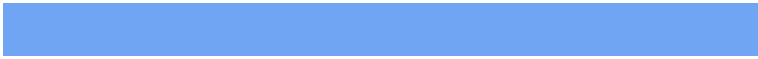
70A5F4



D7965A

Square

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



70A5F4



F0829D



B5A451



00B9AB

Rectangle

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



70A5F4



D18CD1



B5A451



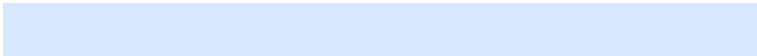
68B475

Sweetspot

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



70A5F4



D6E7FF



70F4BD



677180



000000



808080

Same Dimension

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



70A5F4



599CFF



7B70F4



6E737A



004BBA



00183B

Inverse Universe

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



F470A5



FF599C



E9F470



7A6E73



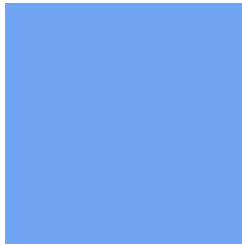
BA004B



3B0018

Previews

White Background



This preview shows how the Hex color 70A5F4 looks on a white background.

Color Contrast Check

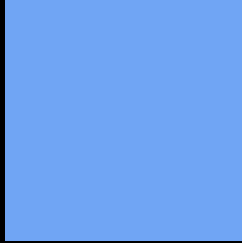
Large Text (above 18pt) WCAG AA × Fail

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 70A5F4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

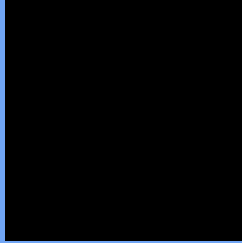
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

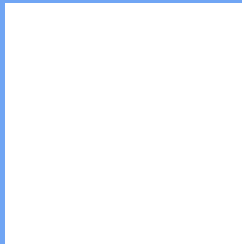
Any Text WCAG AAA ✓ Pass

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

Hex 70A5F4 Background



This preview shows how black text looks on a background with the Hex color 70A5F4.



This preview shows how white text looks on a background with the Hex color 70A5F4.

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](#).

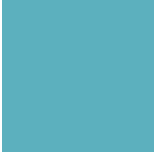
Dichromacy



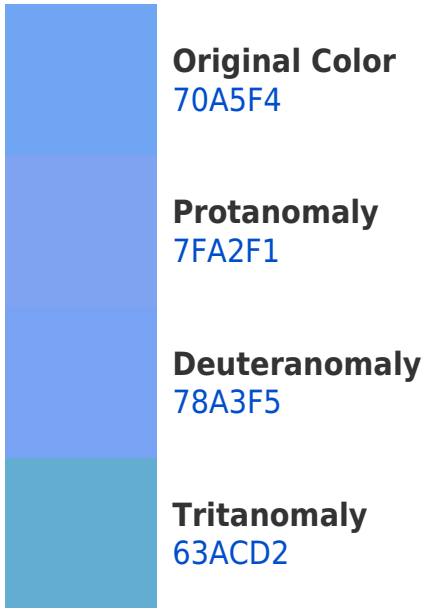
Original Color
70A5F4

Protanopia
88A0F0

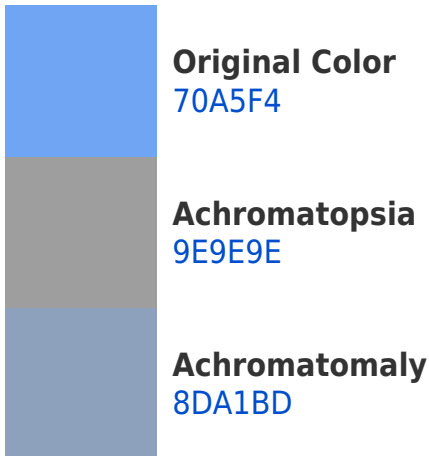
Deuteranopia
7DA2F5



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70A5F4 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 #70A5F4 looks like.

```
.text, #text, p{  
    color:#70A5F4  
}
```

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 #70A5F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70A5F4  
}
```

Border

The CSS property to change the border of an element to Hex 70A5F4 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  
#70A5F4 }
```

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

```
.border{ border-color:#70A5F4 }
```

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

Here you see how a box with a 4 pixel #70A5F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70A5F4; -webkit-box-shadow:4px 4px  
4px 4px #70A5F4; box-shadow:4px 4px 4px  
4px #70A5F4 }
```

Background

The CSS property to change the background color of an element to Hex 70A5F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70A5F4 }
```

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

```
.background{ background-color:#70A5F4 }
```

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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