

# Converting Colors

Hex(73A6F1)

Have a look what the booklet for  
Hex(73A6F1) contains.

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# **Color**

**Hex(73A6F1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73A6F1
RGB	115, 166, 241
RGB Percent	45%, 65%, 95%
CMY	0.5490, 0.3490, 0.0549
CMYK	0.52, 0.31, 0.00, 0.05
HSL	216°, 82%, 70%
HSV	216°, 52%, 95%
XYZ	36.5836, 37.2681, 88.4844
YIQ	159.3010, -54.4710, 12.5130

# Conversions

## Conversions Part 2

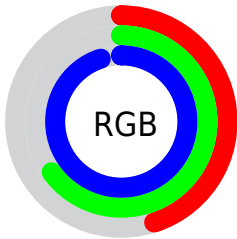
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	115, 151, 241
Decimal	7579377
CIE Lab	67.48, 3.89, -42.71
CIE LCh	67, 42.887, 275.204
Yxy	37.2681, 0.2254, 0.2296
Android (android.graphics.Color)	4285769457 (0xFF73A6F1)
YUV	159.3010, 40.2776, -38.8520
Hunter-Lab	61.0476, 0.1352, -43.2035

# Details

The Hex color **73A6F1** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **F1BE73**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **ADDDFF**, and **3572B9** is the 20% darker color. If you saturate the color by 10%, you get **5B98F1**, and if you desaturate by 10%, it is **8BB4F1**.

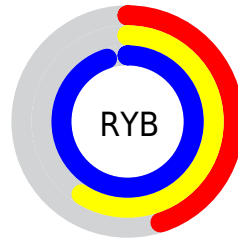
# Distribution



Red (45%)

Green (65%)

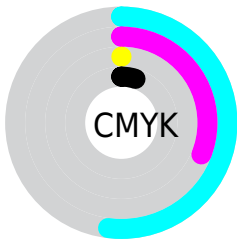
Blue (95%)



Red (45%)

Yellow (59%)

Blue (95%)

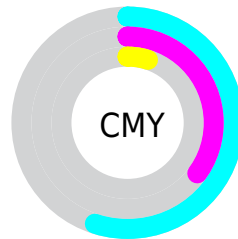


Cyan (52%)

Magenta (31%)

Yellow (0%)

Black (5%)



Cyan (55%)

Magenta (35%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73A6F1 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 73A6F1 by changing the saturation by 10% instead.



 73A6F1

 73A6F1

FFFFFF

 558CD4

 ADDDFE

 3572B9

 CBF9FF

 005A9D

 E8FFFF

 004383

 002E69

 001A51

 000539

 000223

 000009

■ 73A6F1

■ 73A6F1

■ 5B98F1

■ 8BB4F1

■ 4389F1

■ A3C3F1

■ 2B7BF1

■ BBD1F1

■ 136DF1

■ D3DFF1

■ 0062F1

■ EBEEF1

■ FFFCF1

■ FFFFF1

# Harmonies

## Analogous

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



00B1EA



73A6F1



B198E4

# Triad

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



73A6F1



EB8A7A



5BB683

# Complementary

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



73A6F1



F1BE73

# 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.



8DAF63



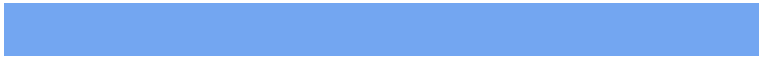
73A6F1



D7975F

# Square

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



73A6F1



ED859F



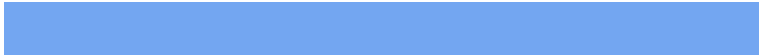
B6A456



00B9AA

# Rectangle

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



73A6F1



CF8ED1



B6A456



6DB477

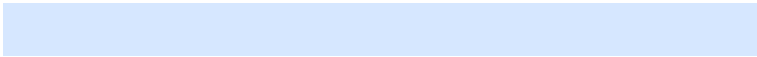


# Sweetspot

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



73A6F1



D6E7FF



73F1BD



677180



000000



808080



# Same Dimension

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



73A6F1



5E9FFF



7E73F1



6C7178



004AB8



001738



# Inverse Universe

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



F173A6



FF5E9F



E6F173



786C71



B8004A

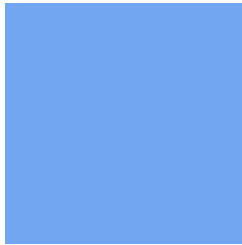


380017



# Previews

## White Background



This preview shows how the Hex color 73A6F1 looks on a white background.

## Color Contrast Check

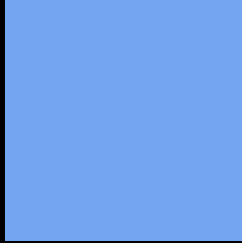
Large Text (above 18pt) WCAG AA × Fail

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 73A6F1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

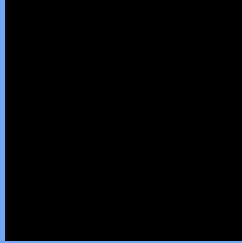
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

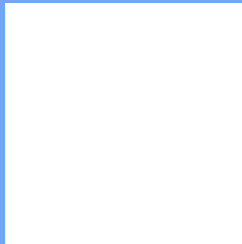
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 73A6F1 Background



This preview shows how black text looks on a background with the Hex color 73A6F1.



This preview shows how white text looks on a background with the Hex color 73A6F1.

# 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**  
73A6F1

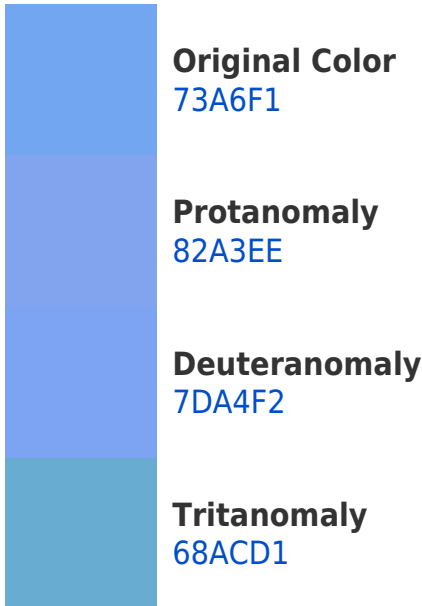
**Protanopia**  
8BA1ED

**Deuteranopia**  
82A3F2

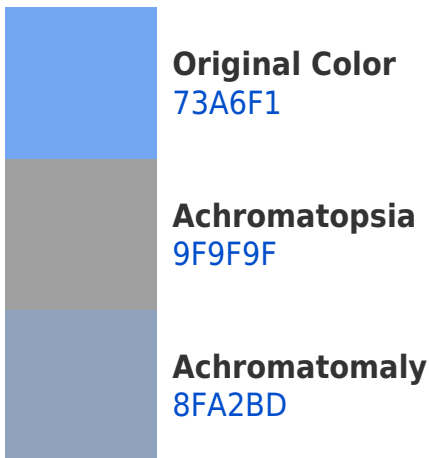


**Tritanopia**  
62B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73A6F1 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 #73A6F1 looks like.

```
.text, #text, p{  
    color:#73A6F1  
}
```

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 #73A6F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73A6F1
}
```

## Border

The CSS property to change the border of an element to Hex 73A6F1 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
#73A6F1 }
```

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

```
.border{ border-color:#73A6F1 }
```

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

Here you see how a box with a 4 pixel #73A6F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73A6F1; -webkit-box-shadow:4px 4px  
4px 4px #73A6F1; box-shadow:4px 4px 4px  
4px #73A6F1 }
```

# Background

The CSS property to change the background color of an element to Hex 73A6F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73A6F1 }
```

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

```
.background{ background-color:#73A6F1 }
```

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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