

# Converting Colors

Hex(73A2FD)

Have a look what the booklet for  
Hex(73A2FD) contains.

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# **Color**

**Hex(73A2FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73A2FD
RGB	115, 162, 253
RGB Percent	45%, 64%, 99%
CMY	0.5490, 0.3647, 0.0078
CMYK	0.55, 0.36, 0.00, 0.01
HSL	220°, 97%, 72%
HSV	220°, 55%, 99%
XYZ	37.7202, 36.5773, 98.0006
YIQ	158.3210, -57.2230, 18.3370

# Conversions

## Conversions Part 2

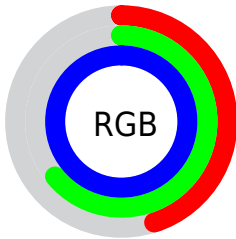
Format	Color
R <sub>Y</sub> B	115, 150, 253
Decimal	7578365
CIE Lab	66.96, 9.86, -50.07
CIE LCh	67, 51.030, 281.135
Yxy	36.5773, 0.2189, 0.2123
Android (android.graphics.Color)	4285768445 (0xFF73A2FD)
YUV	158.3210, 46.6767, -37.9925
Hunter-Lab	60.4792, 5.4898, -53.7381

# Details

The Hex color **73A2FD** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FDCE73**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **AED9FF**, and **326FC4** is the 20% darker color. If you saturate the color by 10%, you get **5A91FD**, and if you desaturate by 10%, it is **8CB3FD**.

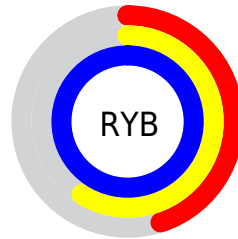
# Distribution



Red (45%)

Green (64%)

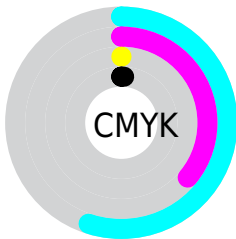
Blue (99%)



Red (45%)

Yellow (59%)

Blue (99%)

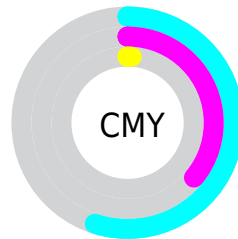


Cyan (55%)

Magenta (36%)

Yellow (0%)

Black (1%)



Cyan (55%)

Magenta (36%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73A2FD 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 73A2FD by changing the saturation by 10% instead.



 73A2FD

 73A2FD

FFFFFF

 5488E0

 AED9FF

 326FC4

 CCF5FF

 0057A8

 EAFFFF

 00408D

 002B73

 00185A

 000742

 00032B

 000115

■ 73A2FD

■ 73A2FD

■ 5A91FD

■ 8CB3FD

■ 4081FD

■ A6C3FD

■ 2770FD

■ BFD4FD

■ 0E5FFD

■ D8E5FD

■ 0056FD

■ F2F5FD

FFFFFD

# Harmonies

## Analogous

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



00B0F9



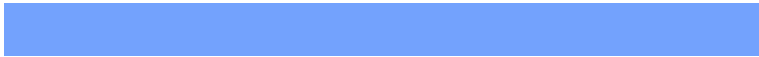
73A2FD



BD90E8

# Triad

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



73A2FD



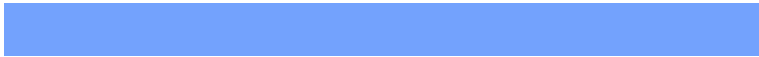
F18569



30B884

# Complementary

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



73A2FD



FDCE73

# 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.



7BB15B



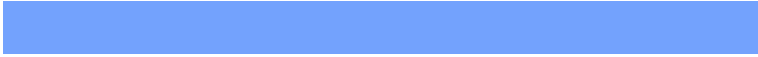
73A2FD



D6964B

# Square

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



73A2FD



F97C93



ADA645



00BAB3

# Rectangle

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



73A2FD



DD85D0



ADA645



50B675



# Sweetspot

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



73A2FD



D6E4FF



73FDCD



677080



000000



808080



# Same Dimension

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



73A2FD



5992FF



8873FD



737780



0041BF



001640



# Inverse Universe

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



FD73A2



FF5992



E8FD73



807377



BF0041

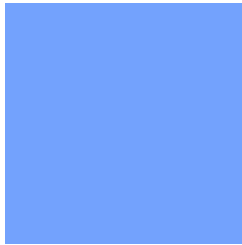


400016



# Previews

## White Background



This preview shows how the Hex color 73A2FD looks on a white background.

## Color Contrast Check

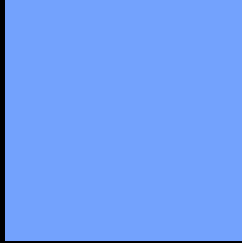
Large Text (above 18pt) WCAG AA × Fail

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 73A2FD 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

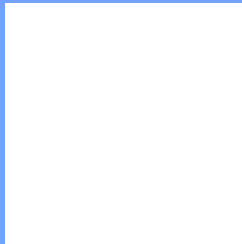
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 73A2FD Background



This preview shows how black text looks on a background with the Hex color 73A2FD.

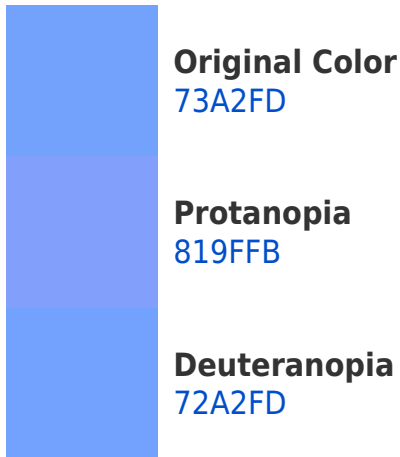


This preview shows how white text looks on a background with the Hex color 73A2FD.

# Color Blindness Simulation

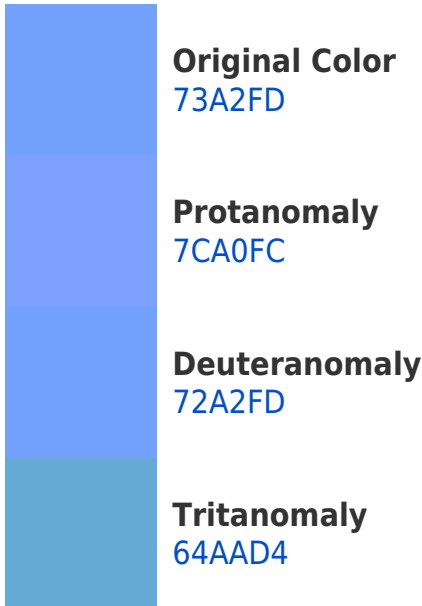
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

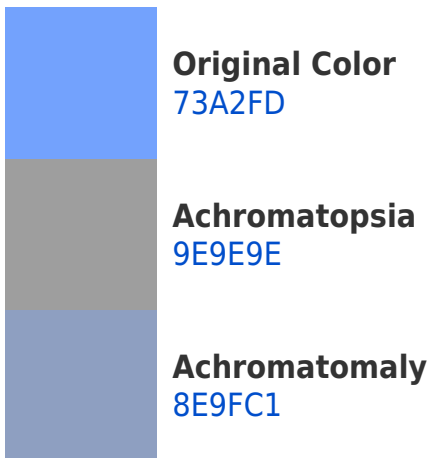




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73A2FD 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 #73A2FD looks like.

```
.text, #text, p{  
    color:#73A2FD  
}
```

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 #73A2FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73A2FD
}
```

## Border

The CSS property to change the border of an element to Hex 73A2FD 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
#73A2FD }
```

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

```
.border{ border-color:#73A2FD }
```

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

Here you see how a box with a 4 pixel #73A2FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73A2FD; -webkit-box-shadow:4px 4px  
4px 4px #73A2FD; box-shadow:4px 4px 4px  
4px #73A2FD }
```

# Background

The CSS property to change the background color of an element to Hex 73A2FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73A2FD }
```

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

```
.background{ background-color:#73A2FD }
```

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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