

# Converting Colors

Hex(71A3FF)

Have a look what the booklet for  
Hex(71A3FF) contains.

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# **Color**

**Hex(71A3FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71A3FF
RGB	113, 163, 255
RGB Percent	44%, 64%, 100%
CMY	0.5569, 0.3608, 0.0000
CMYK	0.56, 0.36, 0.00, 0.00
HSL	219°, 100%, 72%
HSV	219°, 56%, 100%
XYZ	37.9572, 36.9251, 99.7344
YIQ	158.5380, -59.3320, 18.0120

# Conversions

## Conversions Part 2

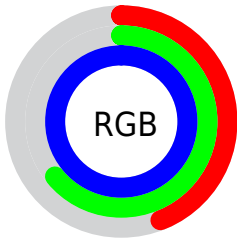
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 150, 255
Decimal	7447551
CIE <sub>Lab</sub>	67.22, 9.49, -50.75
CIE <sub>LCh</sub>	67, 51.630, 280.596
Yxy	36.9251, 0.2174, 0.2115
Android (android.graphics.Color)	4285637631 (0xFF71A3FF)
YUV	158.5380, 47.5558, -39.9368
Hunter-Lab	60.7660, 5.1587, -54.7756

# Details

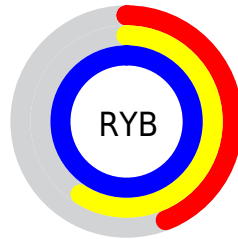
The Hex color **71A3FF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFCD71**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **ADDAFF**, and **2E70C6** is the 20% darker color. If you saturate the color by 10%, you get **5892FF**, and if you desaturate by 10%, it is **8BB4FF**.

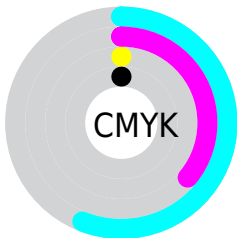
# Distribution



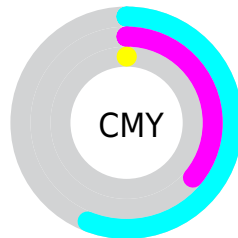
- Red (44%)
- Green (64%)
- Blue (100%)



- Red (44%)
- Yellow (59%)
- Blue (100%)



- Cyan (56%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (36%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71A3FF 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 71A3FF by changing the saturation by 10% instead.



 71A3FF

 71A3FF

FFFFFF

 5289E2

 ADDAFF

 2E70C6

 CBF6FF

 0058AA

 E9FFFF


 00418F

 002C75

 00195C

 000744

 00032C

 000117

 71A3FF

 71A3FF

 5892FF

 8BB4FF

 3E82FF

 A4C4FF

 2471FF

 BED5FF

 0B61FF

 D7E5FF

 005AFF

 F1F6FF

FFFFFF

# Harmonies

## Analogous

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



00B1FB



71A3FF



BD91EB

# Triad

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



71A3FF



F38569



30B983

# Complementary

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



71A3FF



FFCD71

# 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.



7CB25A



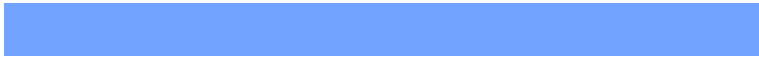
71A3FF



D7964B

# Square

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



71A3FF



FB7C95



AFA644



00BBB3

# Rectangle

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



71A3FF



DE85D2



AFA644

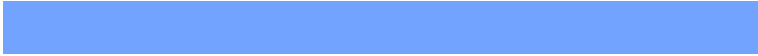


51B774



# Sweetspot

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



71A3FF



D4E3FF



71FFCB



666F80



000000



808080



# Same Dimension

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



71A3FF



5490FF



8471FF



737780



0043BF



001640



# Inverse Universe

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



FF71A3



FF5490



ECFF71



807377



BF0043

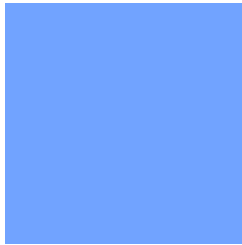


400016



# Previews

## White Background



This preview shows how the Hex color 71A3FF looks on a white background.

## Color Contrast Check

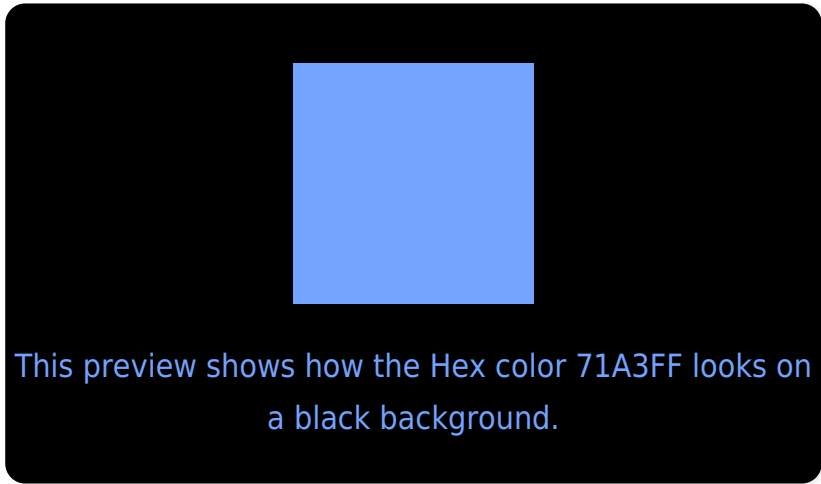
Large Text (above 18pt) WCAG AA × Fail

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

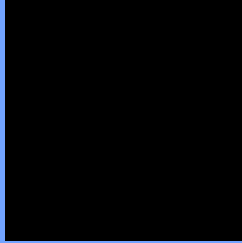
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

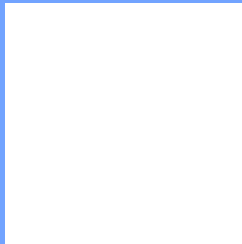
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71A3FF Background



This preview shows how black text looks on a background with the Hex color 71A3FF.



This preview shows how white text looks on a background with the Hex color 71A3FF.

# 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](#).

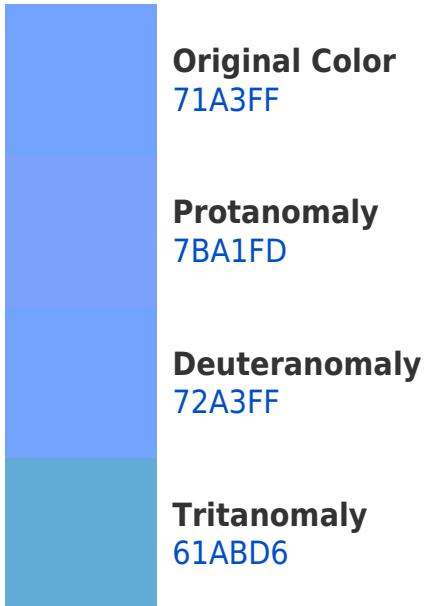
## Dichromacy



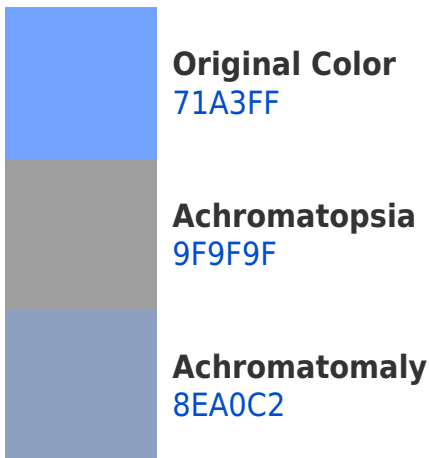


**Tritanopia**  
58B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71A3FF 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 #71A3FF looks like.

```
.text, #text, p{  
    color:#71A3FF  
}
```

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 #71A3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71A3FF
}
```

## Border

The CSS property to change the border of an element to Hex 71A3FF 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
#71A3FF }
```

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

```
.border{ border-color:#71A3FF }
```

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

Here you see how a box with a 4 pixel #71A3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71A3FF; -webkit-box-shadow:4px 4px  
4px 4px #71A3FF; box-shadow:4px 4px 4px  
4px #71A3FF }
```

# Background

The CSS property to change the background color of an element to Hex 71A3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71A3FF }
```

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

```
.background{ background-color:#71A3FF }
```

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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