

# Converting Colors

Hex(71B3FF)

Have a look what the booklet for  
Hex(71B3FF) contains.

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# **Color**

**Hex(71B3FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71B3FF
RGB	113, 179, 255
RGB Percent	44%, 70%, 100%
CMY	0.5569, 0.2980, 0.0000
CMYK	0.56, 0.30, 0.00, 0.00
HSL	212°, 100%, 72%
HSV	212°, 56%, 100%
XYZ	40.9802, 42.9709, 100.7421
YIQ	167.9300, -63.7320, 9.6440

# Conversions

## Conversions Part 2

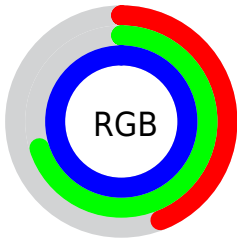
Format	Color
R <sub>Y</sub> B	113, 158, 255
Decimal	7451647
CIE Lab	71.54, 0.42, -43.96
CIE LCh	72, 43.965, 270.552
Yxy	42.9709, 0.2219, 0.2327
Android (android.graphics.Color)	4285641727 (0xFF71B3FF)
YUV	167.9300, 42.9255, -48.1736
Hunter-Lab	65.5522, -3.1265, -45.2316

# Details

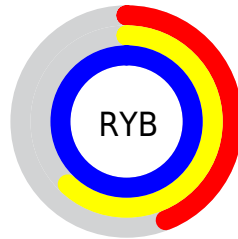
The Hex color **71B3FF** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **FFBD71**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **ADEBFF**, and **2E7FC6** is the 20% darker color. If you saturate the color by 10%, you get **58A5FF**, and if you desaturate by 10%, it is **8BC1FF**.

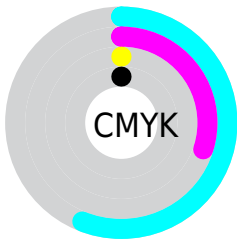
# Distribution



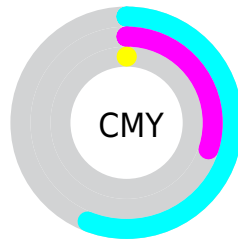
- Red (44%)
- Green (70%)
- Blue (100%)



- Red (44%)
- Yellow (62%)
- Blue (100%)



- Cyan (56%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (30%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71B3FF 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 71B3FF by changing the saturation by 10% instead.



 71B3FF

 71B3FF

FFFFFF

 5298E2

 ADEBFF

 2E7FC6

 CBFFFF

 0066AA

 E9FFFF

 004E90

 003876

 00235C

 000C44

 00032D

 000118

 71B3FF

 71B3FF

 58A5FF

 8BC1FF

 3E98FF

 A4CEFF

 248AFF

 BEDCFF

 0B7CFF

 D7EAFF

 0077FF

 F1F7FF

FFFFFF

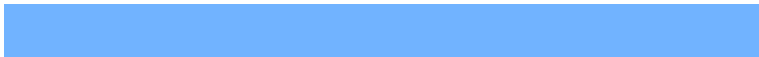
# Harmonies

## Analogous

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



00BEF4



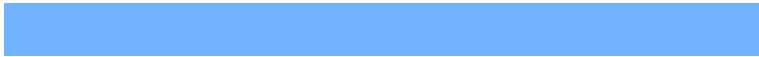
71B3FF



B4A5F4

# Triad

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



71B3FF



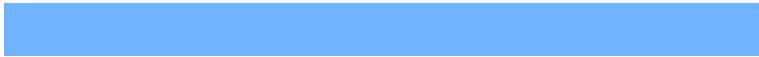
FA9389



6DC186

# Complementary

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



71B3FF



FFBD71

# 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.



9EB968



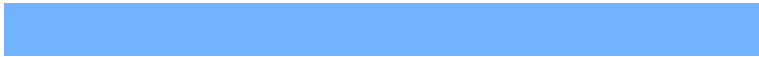
71B3FF



E89F6A

# Square

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



71B3FF



F98FB0



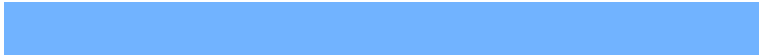
C8AD5E



23C4AF

# Rectangle

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



71B3FF



D59BE3



C8AD5E

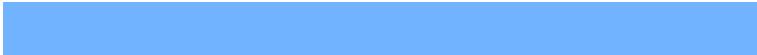


7FBF7B

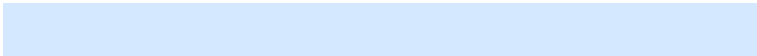


# Sweetspot

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



71B3FF



D4E8FF



71FFBD



667280



000000

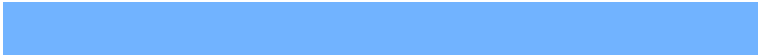


808080

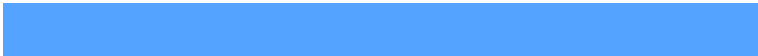


# Same Dimension

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



71B3FF



54A4FF



7671FF



737980



0059BF



001E40



# Inverse Universe

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



FF71B3



FF54A4



FAFF71



807379



BF0059

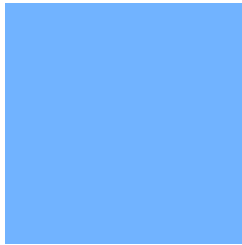


40001E



# Previews

## White Background



This preview shows how the Hex color 71B3FF looks on a white background.

## Color Contrast Check

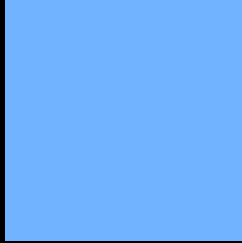
Large Text (above 18pt) WCAG AA × Fail

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 71B3FF 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

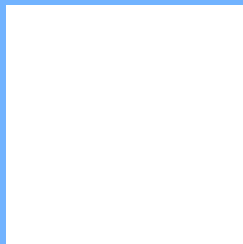
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71B3FF Background



This preview shows how black text looks on a background with the Hex color 71B3FF.

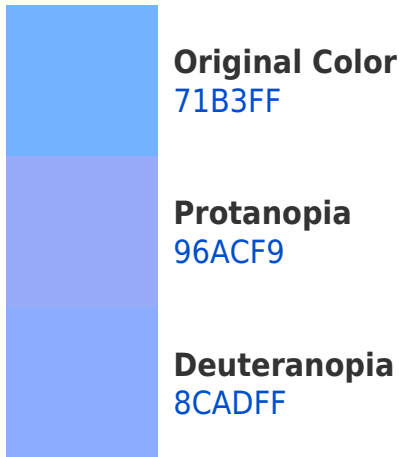


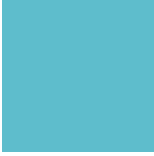
This preview shows how white text looks on a background with the Hex color 71B3FF.

# Color Blindness Simulation

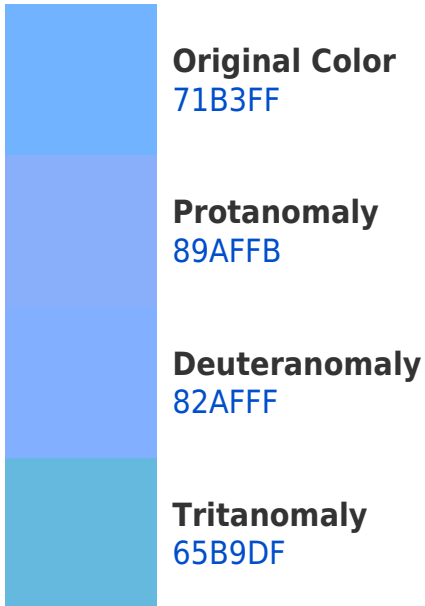
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

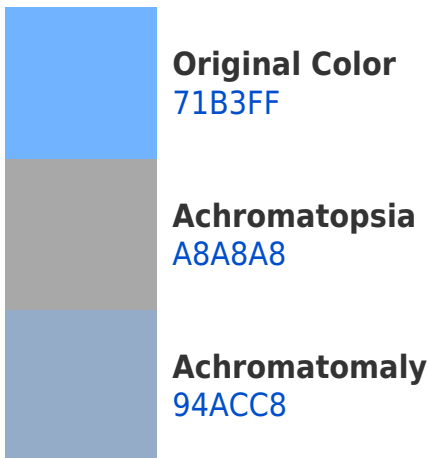




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71B3FF 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 #71B3FF looks like.

```
.text, #text, p{  
    color:#71B3FF  
}
```

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 #71B3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B3FF
}
```

## Border

The CSS property to change the border of an element to Hex 71B3FF 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
#71B3FF }
```

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

```
.border{ border-color:#71B3FF }
```

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

Here you see how a box with a 4 pixel #71B3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B3FF; -webkit-box-shadow:4px 4px  
4px 4px #71B3FF; box-shadow:4px 4px 4px  
4px #71B3FF }
```

# Background

The CSS property to change the background color of an element to Hex 71B3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B3FF }
```

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

```
.background{ background-color:#71B3FF }
```

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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