

# Converting Colors

Hex(71BFF3)

Have a look what the booklet for  
Hex(71BFF3) contains.

<b>Hex(71BFF3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(71BFF3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71BFF3
RGB	113, 191, 243
RGB Percent	44%, 75%, 95%
CMY	0.5569, 0.2510, 0.0471
CMYK	0.53, 0.21, 0.00, 0.05
HSL	204°, 84%, 70%
HSV	204°, 53%, 95%
XYZ	41.6185, 47.2434, 91.7194
YIQ	173.6060, -63.1800, -0.3640

# Conversions

## Conversions Part 2

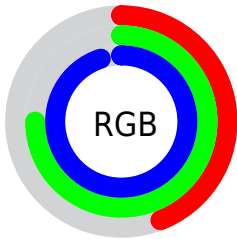
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 162, 243
Decimal	7454707
CIE <sub>Lab</sub>	74.35, -9.74, -33.12
CIE <sub>LCh</sub>	74, 34.519, 253.615
Yxy	47.2434, 0.2305, 0.2616
Android (android.graphics.Color)	4285644787 (0xFF71BFF3)
YUV	173.6060, 34.2112, -53.1515
Hunter-Lab	68.7338, -12.2019, -31.0037

# Details

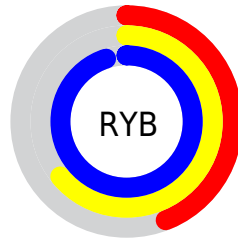
The Hex color **71BFF3** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F3A571**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **ACF7FF**, and **318ABB** is the 20% darker color. If you saturate the color by 10%, you get **59B5F3**, and if you desaturate by 10%, it is **89C9F3**.

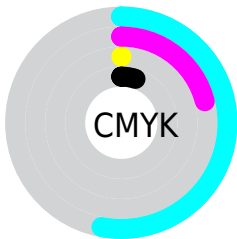
# Distribution



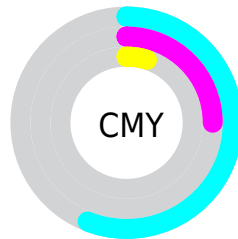
- Red (44%)
- Green (75%)
- Blue (95%)



- Red (44%)
- Yellow (64%)
- Blue (95%)



- Cyan (53%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)



- Cyan (56%)
- Magenta (25%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71BFF3 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 71BFF3 by changing the saturation by 10% instead.



 71BFF3

FFFFFF


 ACF7FF

 CAFFFF

 E7FFFF

 71BFF3

 53A4D6

 318ABB

 0070A0

 005885

 00416C

 002B53

 00173C

 000226

 00010E

■ 71BFF3

■ 71BFF3

■ 59B5F3

■ 89C9F3

■ 40ACF3

■ A2D2F3

■ 28A2F3

■ BADCF3

■ 1098F3

■ D2E6F3

■ 0092F3

■ EAF0F3

■ FFF9F3

■ FFFFF3

# Harmonies

## Analogous

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



4DC6E2



71BFF3



A2B5F4

# Triad

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



71BFF3



F69FA9



9BC288

# Complementary

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



71BFF3



F3A571

# 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.



BEBA79



71BFF3



F0A58D

# Square

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



71BFF3



EAA1CA



DCAF7A



75C7A4

# Rectangle

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



71BFF3



C0ADEC



DCAF7A



A7BF81

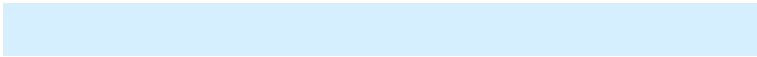


# Sweetspot

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



71BFF3



D6EFFF



71F3A5



677680



000000



808080



# Same Dimension

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



71BFF3



5CBEFF



717EF3



6E767A



0070BA



00233B



# Inverse Universe

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



F371BF



FF5CBE



F3E671



7A6E76



BA0070

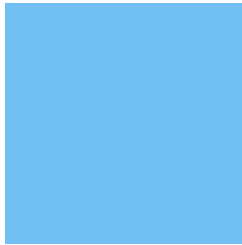


3B0023



# Previews

## White Background



This preview shows how the Hex color 71BFF3 looks on a white background.

## Color Contrast Check

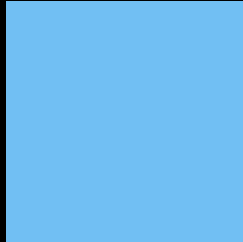
Large Text (above 18pt) WCAG AA × Fail

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 71BFF3 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

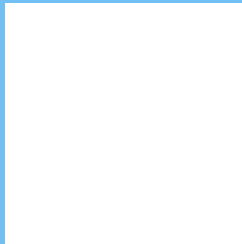
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71BFF3 Background



This preview shows how black text looks on a background with the Hex color 71BFF3.

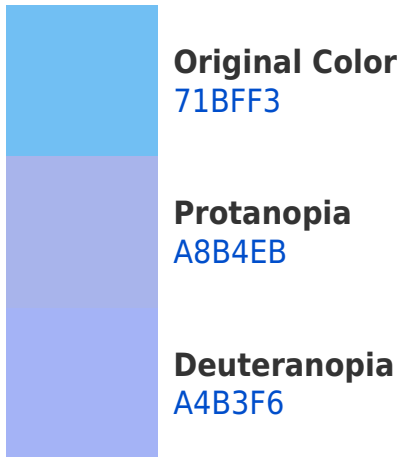


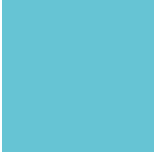
This preview shows how white text looks on a background with the Hex color 71BFF3.

# 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](#).

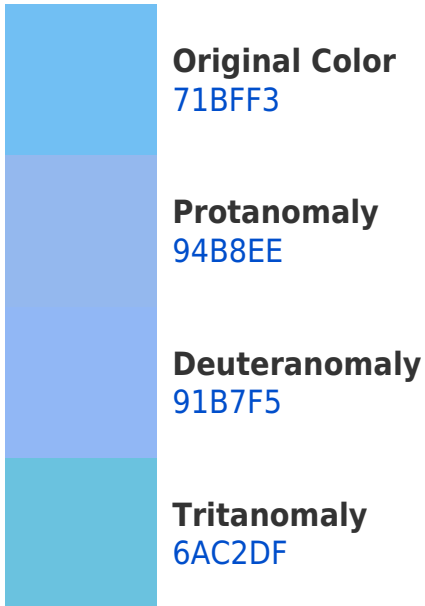
## Dichromacy





**Tritanopia**  
66C4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71BFF3 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 #71BFF3 looks like.

```
.text, #text, p{  
    color:#71BFF3  
}
```

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 #71BFF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71BFF3  
}
```

## Border

The CSS property to change the border of an element to Hex 71BFF3 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  
#71BFF3 }
```

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

```
.border{ border-color:#71BFF3 }
```

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

Here you see how a box with a 4 pixel #71BFF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71BFF3; -webkit-box-shadow:4px 4px  
4px 4px #71BFF3; box-shadow:4px 4px 4px  
4px #71BFF3 }
```

# Background

The CSS property to change the background color of an element to Hex 71BFF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71BFF3 }
```

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

```
.background{ background-color:#71BFF3 }
```

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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