

Converting Colors

Hex(3CC6FD)

Have a look what the booklet for
Hex(3CC6FD) contains.

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Color

Hex(3CC6FD)

Conversions

Conversions Part 1

Format	Color
Hex	3CC6FD
RGB	60, 198, 253
RGB Percent	24%, 78%, 99%
CMY	0.7647, 0.2235, 0.0078
CMYK	0.76, 0.22, 0.00, 0.01
HSL	197°, 98%, 61%
HSV	197°, 76%, 99%
XYZ	39.7872, 48.4407, 100.1815
YIQ	163.0080, -99.9030, -12.1510

Conversions

Conversions Part 2

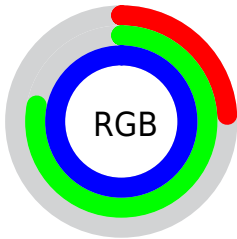
Format	Color
RYB	60, 140, 253
Decimal	3983101
CIELab	75.10, -18.65, -37.45
CIELCh	75, 41.839, 243.525
Yxy	48.4407, 0.2112, 0.2571
Android (android.graphics.Color)	4282173181 (0xFF3CC6FD)
YUV	163.0080, 44.3661, -90.3380
Hunter-Lab	69.5993, -19.7575, -36.6227

Details

The Hex color **3CC6FD** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FD733C**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **86FFFF**, and **0090C4** is the 20% darker color. If you saturate the color by 10%, you get **23BFFD**, and if you desaturate by 10%, it is **55CDFD**.

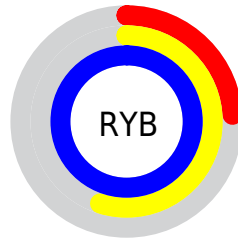
Distribution



Red (24%)

Green (78%)

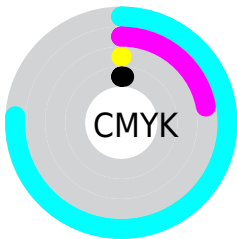
Blue (99%)



Red (24%)

Yellow (55%)

Blue (99%)

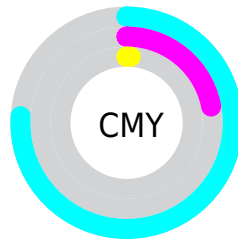


Cyan (76%)

Magenta (22%)

Yellow (0%)

Black (1%)



Cyan (76%)

Magenta (22%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CC6FD 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 3CC6FD by changing the saturation by 10% instead.

 3CC6FD

 3CC6FD

FFFFFF

 00ABE0

 86FFFF

 0090C4

 A6FFFF

 0076A9

 C5FFFF

 005E8E

 E5FFFF

 004674

 00305B

 001D43

 00032D

 000117

■ 3CC6FD

■ 3CC6FD

■ 23BFFD

■ 55CDFD

■ 09B8FD

■ 6FD4FD

■ 00B5FD

■ 88DCFD

■ A1E3FD

■ BBEAFD

■ D4F1FD

■ EDF8FD

FFFFFD

Harmonies

Analogous

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



00CCE2



3CC6FD



87BBFF

Triad

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



3CC6FD



FF9AB6



A5C377

Complementary

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



3CC6FD



FD733C

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.



CEB86B



3CC6FD



FF9F90

Square

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



3CC6FD



EDA0DC



EEAB75



76CA95

Rectangle

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



3CC6FD



B1B2FF



EEAB75



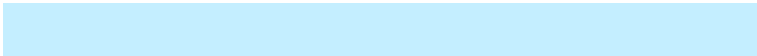
B3C071

Sweetspot

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



3CC6FD



C4EEFF



3CFD73



5C7580



000000



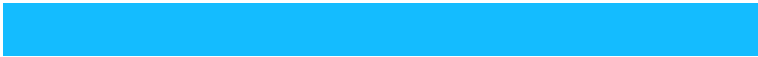
808080

Same Dimension

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



3CC6FD



14BCFF



3C66FD



737C80



0089BF



002E40

Inverse Universe

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



FD3CC6



FF14BC



FDD33C



80737C



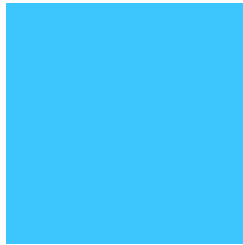
BF0089



40002E

Previews

White Background



This preview shows how the Hex color 3CC6FD looks on a white background.

Color Contrast Check

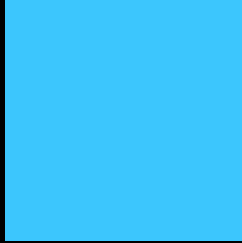
Large Text (above 18pt) WCAG AA × Fail

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 3CC6FD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

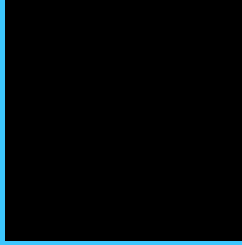
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

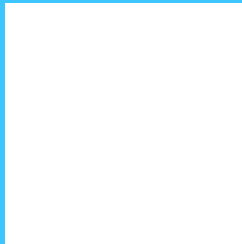
Any Text WCAG AAA ✓ Pass

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

Hex 3CC6FD Background



This preview shows how black text looks on a background with the Hex color 3CC6FD.

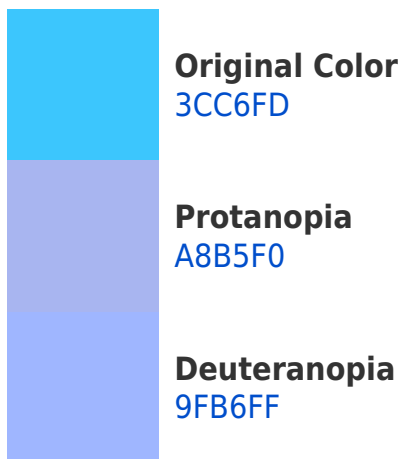


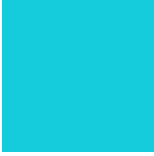
This preview shows how white text looks on a background with the Hex color 3CC6FD.

Color Blindness Simulation

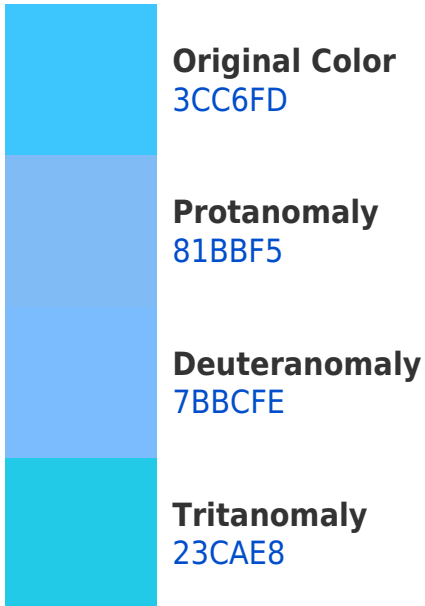
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

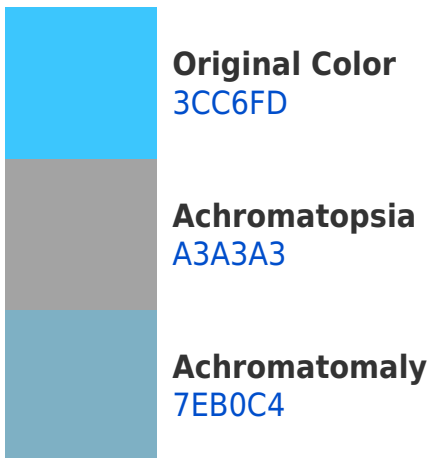




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3CC6FD 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 #3CC6FD looks like.

```
.text, #text, p{  
    color:#3CC6FD  
}
```

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 #3CC6FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CC6FD
}
```

Border

The CSS property to change the border of an element to Hex 3CC6FD 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
#3CC6FD }
```

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

```
.border{ border-color:#3CC6FD }
```

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

Here you see how a box with a 4 pixel #3CC6FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CC6FD; -webkit-box-shadow:4px 4px  
4px 4px #3CC6FD; box-shadow:4px 4px 4px  
4px #3CC6FD }
```

Background

The CSS property to change the background color of an element to Hex 3CC6FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CC6FD }
```

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

```
.background{ background-color:#3CC6FD }
```

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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