

Converting Colors

Hex(3CD5FF)

Have a look what the booklet for
Hex(3CD5FF) contains.

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Color

Hex(3CD5FF)

Conversions

Conversions Part 1

Format	Color
Hex	3CD5FF
RGB	60, 213, 255
RGB Percent	24%, 84%, 100%
CMY	0.7647, 0.1647, 0.0000
CMYK	0.76, 0.16, 0.00, 0.00
HSL	193°, 100%, 62%
HSV	193°, 76%, 100%
XYZ	43.7077, 55.7692, 103.0686
YIQ	172.0410, -104.6700, -19.3740

Conversions

Conversions Part 2

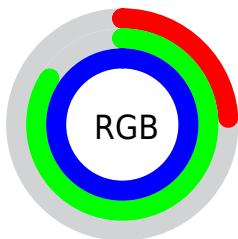
Format	Color
R _{YB}	60, 146, 255
Decimal	3986943
CIE Lab	79.48, -25.63, -31.75
CIE LCh	79, 40.804, 231.088
Yxy	55.7692, 0.2158, 0.2753
Android (android.graphics.Color)	4282177023 (0xFF3CD5FF)
YUV	172.0410, 40.8988, -98.2600
Hunter-Lab	74.6788, -26.2159, -29.5546

Details

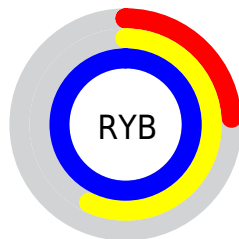
The Hex color **3CD5FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF663C**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **87FFFF**, and **009EC6** is the 20% darker color. If you saturate the color by 10%, you get **22D0FF**, and if you desaturate by 10%, it is **56DAFF**.

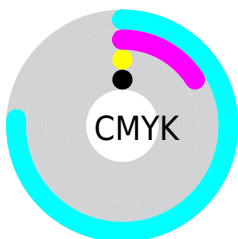
Distribution



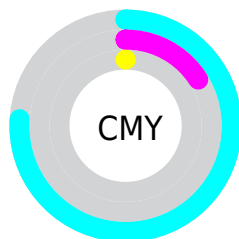
- Red (24%)
- Green (84%)
- Blue (100%)



- Red (24%)
- Yellow (57%)
- Blue (100%)



- Cyan (76%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CD5FF 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 3CD5FF by changing the saturation by 10% instead.

 3CD5FF

 3CD5FF

FFFFFF

 00B9E2

 87FFFF

 009EC6

 A7FFFF

 0084AB

 C7FFFF

 006A90

 E7FFFF

 005276

 003A5D

 002546

 00042F

 00011A

 3CD5FF

 3CD5FF

 22D0FF

 56DAFF

 09CAFF

 6FE0FF

 00C8FF

 89E5FF

 A2EBFF

 BCF0FF

 D5F6FF

 EFFBFF

FFFFFF

Harmonies

Analogous

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



35D9DF



3CD5FF



7BCCFF

Triad

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



3CD5FF



FFA9D2



C3CB7D

Complementary

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



3CD5FF



FF663C

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.



E8BF7A



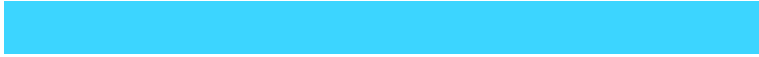
3CD5FF



FFA9AB

Square

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



3CD5FF



EAB2F5



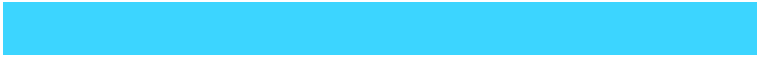
FFB28B



97D494

Rectangle

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



3CD5FF



A6C4FF



FFB28B



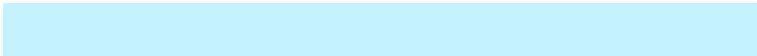
D0C779

Sweetspot

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



3CD5FF



C4F2FF



3CFF63



5C7880



000000



808080

Same Dimension

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



3CD5FF



14CCFF



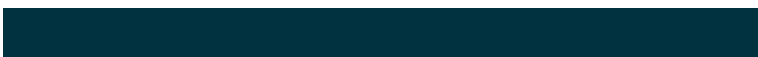
3C76FF



737D80



0096BF



003240

Inverse Universe

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



FF3CD5



FF14CC



FFC43C



80737D



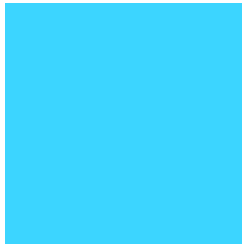
BF0096



400032

Previews

White Background



This preview shows how the Hex color 3CD5FF looks on a white background.

Color Contrast Check

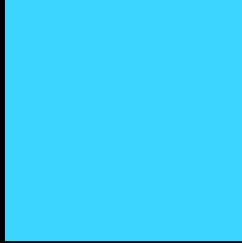
Large Text (above 18pt) WCAG AA × Fail

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 3CD5FF 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 3CD5FF Background



This preview shows how black text looks on a background with the Hex color 3CD5FF.

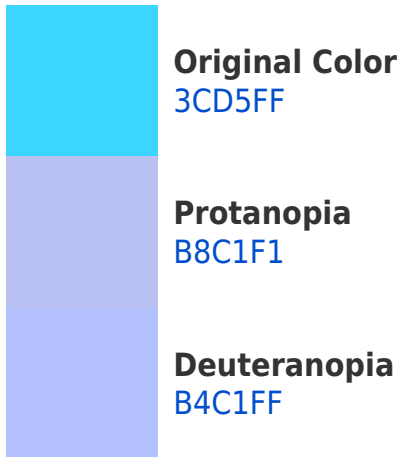


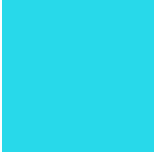
This preview shows how white text looks on a background with the Hex color 3CD5FF.

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](#).

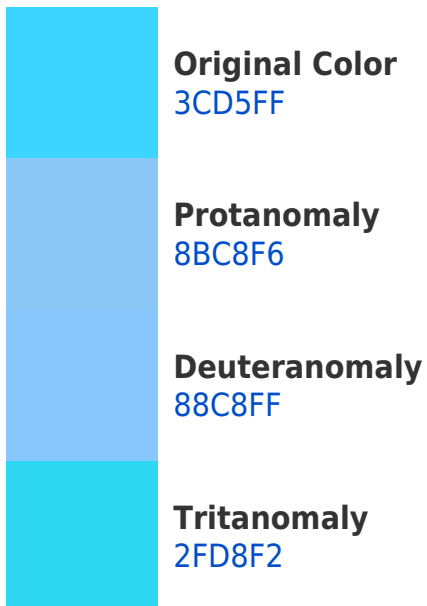
Dichromacy



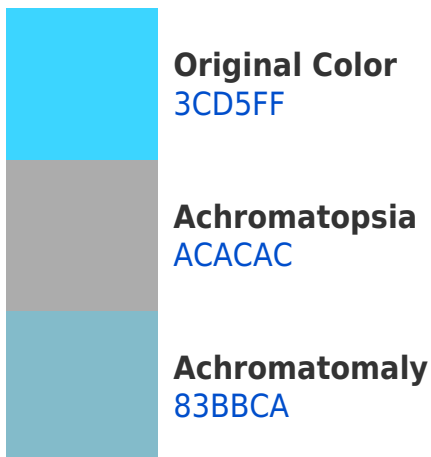


Tritanopia
28D9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3CD5FF 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 #3CD5FF looks like.

```
.text, #text, p{  
    color:#3CD5FF  
}
```

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 #3CD5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CD5FF
}
```

Border

The CSS property to change the border of an element to Hex 3CD5FF 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
#3CD5FF }
```

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

```
.border{ border-color:#3CD5FF }
```

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

Here you see how a box with a 4 pixel #3CD5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CD5FF; -webkit-box-shadow:4px 4px  
4px 4px #3CD5FF; box-shadow:4px 4px 4px  
4px #3CD5FF }
```

Background

The CSS property to change the background color of an element to Hex 3CD5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CD5FF }
```

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

```
.background{ background-color:#3CD5FF }
```

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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