

Converting Colors

Hex(5CD4FF)

Have a look what the booklet for
Hex(5CD4FF) contains.

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Color

Hex(5CD4FF)

Conversions

Conversions Part 1

Format	Color
Hex	5CD4FF
RGB	92, 212, 255
RGB Percent	36%, 83%, 100%
CMY	0.6392, 0.1686, 0.0000
CMYK	0.64, 0.17, 0.00, 0.00
HSL	196°, 100%, 68%
HSV	196°, 64%, 100%
XYZ	46.0071, 56.5823, 103.1044
YIQ	181.0220, -85.3230, -12.0670

Conversions

Conversions Part 2

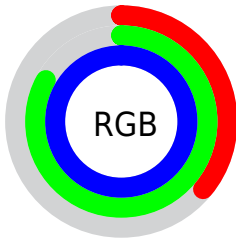
Format	Color
R_{YB}	92, 161, 255
Decimal	6083839
CIE _{Lab}	79.94, -20.97, -30.98
CIE _{LCh}	80, 37.406, 235.906
Yxy	56.5823, 0.2237, 0.2751
Android (android.graphics.Color)	4284273919 (0xFF5CD4FF)
YUV	181.0220, 36.4712, -78.0723
Hunter-Lab	75.2212, -22.4621, -28.6129

Details

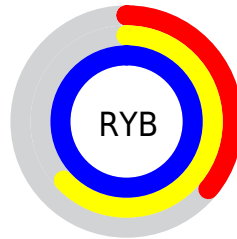
The Hex color **5CD4FF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF875C**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **9CFFFF**, and **009DC6** is the 20% darker color. If you saturate the color by 10%, you get **43CDFF**, and if you desaturate by 10%, it is **76DBFF**.

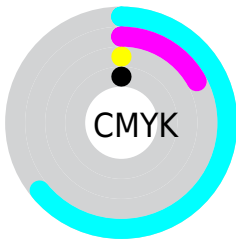
Distribution



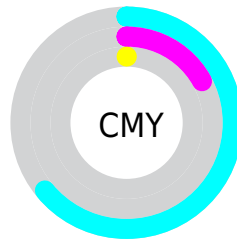
- Red (36%)
- Green (83%)
- Blue (100%)



- Red (36%)
- Yellow (63%)
- Blue (100%)



- Cyan (64%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CD4FF 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 5CD4FF by changing the saturation by 10% instead.

 5CD4FF

 5CD4FF

FFFFFF

 36B8E2

 9CFFFF

 009DC6

 BBFFFF

 0083AB

 DAFFFF

 006A90

 F9FFFF

 005176

 003A5D

 002546

 00042F

 00011A

■ 5CD4FF

■ 5CD4FF

■ 43CDFF

■ 76DBFF

■ 29C7FF

■ 8FE1FF

■ 10C0FF

■ A9E8FF

■ 00BCFF

■ C2EFFF

■ DCF6FF

■ F5FCFF

FFFFFF

Harmonies

Analogous

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



4DD9E3



5CD4FF



8FCBFF

Triad

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



5CD4FF



FFACCC



BFCD86

Complementary

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



5CD4FF



FF875C

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.



E2C280



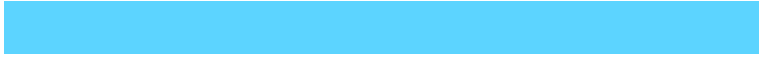
5CD4FF



FFAEA9

Square

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



5CD4FF



EEB3EE



FEB78E



96D59E

Rectangle

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



5CD4FF



B3C3FF



FEB78E



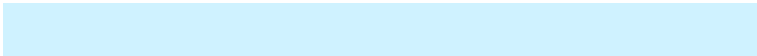
CBCA82

Sweetspot

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



5CD4FF



CFF2FF



5CFF85



627880



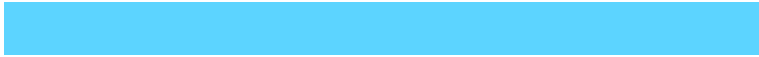
000000



808080

Same Dimension

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



5CD4FF



3BCBFF



5C85FF



737C80



008DBF



002F40

Inverse Universe

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



FF5CD4



FF3BCB



FFD65C



80737C



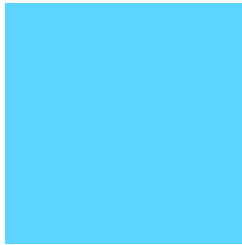
BF008D



40002F

Previews

White Background



This preview shows how the Hex color 5CD4FF looks on a white background.

Color Contrast Check

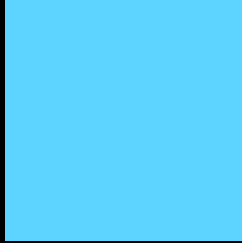
Large Text (above 18pt) WCAG AA × Fail

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 5CD4FF 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 5CD4FF Background



This preview shows how black text looks on a background with the Hex color 5CD4FF.

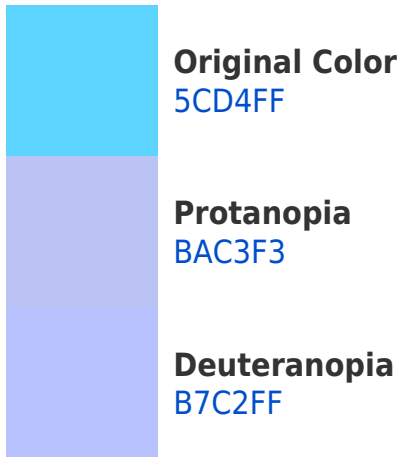


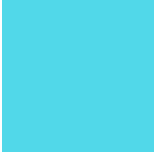
This preview shows how white text looks on a background with the Hex color 5CD4FF.

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](#).

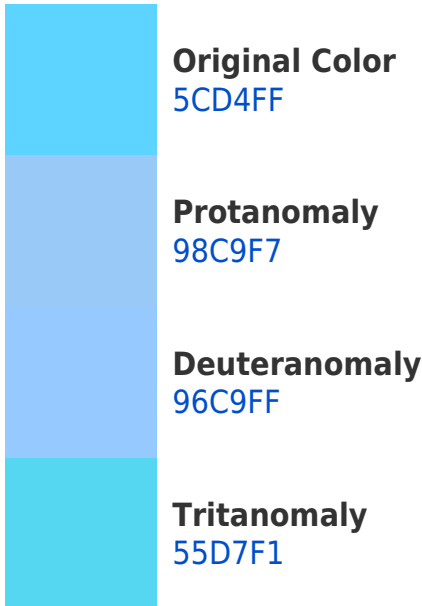
Dichromacy



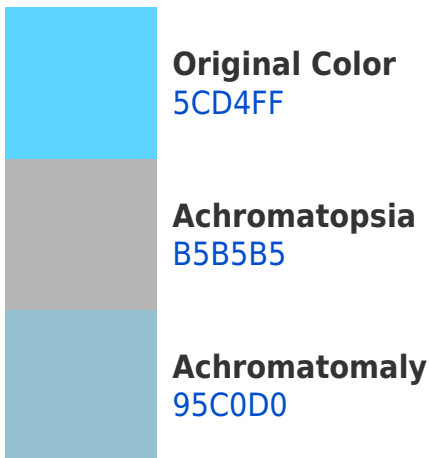


Tritanopia
51D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5CD4FF 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 #5CD4FF looks like.

```
.text, #text, p{  
    color:#5CD4FF  
}
```

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 #5CD4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CD4FF  
}
```

Border

The CSS property to change the border of an element to Hex 5CD4FF 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  
#5CD4FF }
```

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

```
.border{ border-color:#5CD4FF }
```

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

Here you see how a box with a 4 pixel #5CD4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CD4FF; -webkit-box-shadow:4px 4px  
4px 4px #5CD4FF; box-shadow:4px 4px 4px  
4px #5CD4FF }
```

Background

The CSS property to change the background color of an element to Hex 5CD4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CD4FF }
```

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

```
.background{ background-color:#5CD4FF }
```

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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