

Converting Colors

Hex(5CD2FF)

Have a look what the booklet for
Hex(5CD2FF) contains.

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Color

Hex(5CD2FF)

Conversions

Conversions Part 1

Format	Color
Hex	5CD2FF
RGB	92, 210, 255
RGB Percent	36%, 82%, 100%
CMY	0.6392, 0.1765, 0.0000
CMYK	0.64, 0.18, 0.00, 0.00
HSL	197°, 100%, 68%
HSV	197°, 64%, 100%
XYZ	45.5102, 55.5885, 102.9388
YIQ	179.8480, -84.7730, -11.0210

Conversions

Conversions Part 2

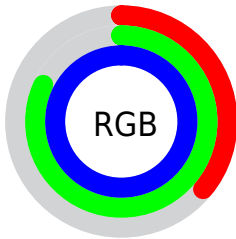
Format	Color
R _Y B	92, 160, 255
Decimal	6083327
CIE Lab	79.38, -19.95, -31.85
CIE LCh	79, 37.579, 237.933
Yxy	55.5885, 0.2230, 0.2724
Android (android.graphics.Color)	4284273407 (0xFF5CD2FF)
YUV	179.8480, 37.0499, -77.0427
Hunter-Lab	74.5577, -21.5191, -29.6689

Details

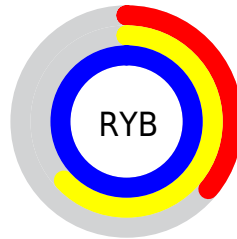
The Hex color **5CD2FF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF895C**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **9CFFFF**, and **009BC6** is the 20% darker color. If you saturate the color by 10%, you get **43CBFF**, and if you desaturate by 10%, it is **76D9FF**.

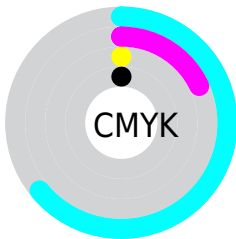
Distribution



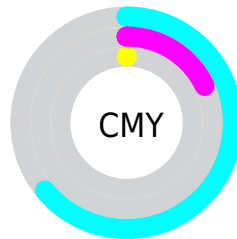
- Red (36%)
- Green (82%)
- Blue (100%)



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



- Cyan (64%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CD2FF 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 5CD2FF by changing the saturation by 10% instead.

 5CD2FF

 5CD2FF

FFFFFF

 36B6E2

 9CFFFF

 009BC6

 BBFFFF

 0081AB

 DAFFFF


 006890

 F9FFFF

 005076

 00395D

 002445

 00042F

 000119

■ 5CD2FF

■ 5CD2FF

■ 43CBFF

■ 76D9FF

■ 29C4FF

■ 8FE0FF

■ 10BDFF

■ A9E7FF

■ 00B9FF

■ C2EEFF

■ DCF5FF

■ F5FCFF

FFFFFF

Harmonies

Analogous

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



49D7E4



5CD2FF



91C9FF

Triad

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



5CD2FF



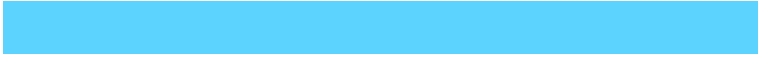
FFAAC8



BACC86

Complementary

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



5CD2FF



FF895C

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.



DFC27E



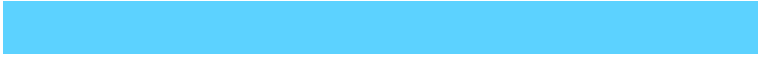
5CD2FF



FFACA6

Square

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



5CD2FF



EFB1EA



FBB68A



91D49E

Rectangle

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



5CD2FF



B5C1FF



FBB68A



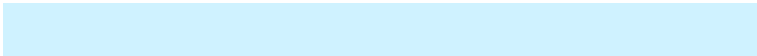
C7C981

Sweetspot

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



5CD2FF



CFF2FF



5CFF87



627780



000000



808080

Same Dimension

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



5CD2FF



3BC9FF



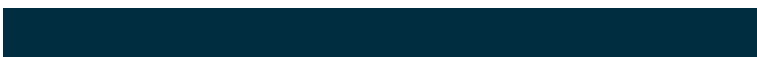
5C82FF



737C80



008ABF



002E40

Inverse Universe

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



FF5CD2



FF3BC9



FFD95C



80737C



BF008A



40002E

Previews

White Background



This preview shows how the Hex color 5CD2FF looks on a white background.

Color Contrast Check

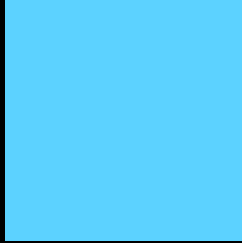
Large Text (above 18pt) WCAG AA × Fail

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 5CD2FF 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

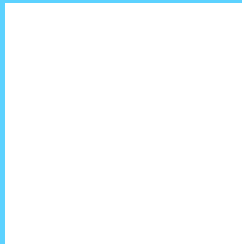
Any Text WCAG AAA ✓ Pass

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

Hex 5CD2FF Background



This preview shows how black text looks on a background with the Hex color 5CD2FF.

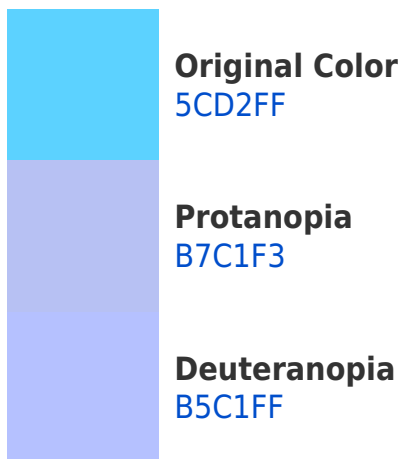


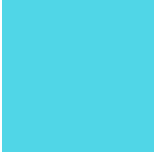
This preview shows how white text looks on a background with the Hex color 5CD2FF.

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
50D6E7

Trichromacy



Original Color
5CD2FF



Protanomaly
96C7F7



Deuteranomaly
95C7FF

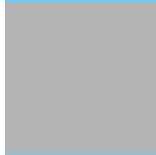


Tritanomaly
54D5F0

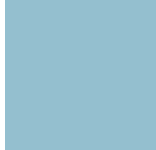
Monochromacy



Original Color
5CD2FF



Achromatopsia
B4B4B4



Achromatomaly
94BFCF

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CD2FF 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 #5CD2FF looks like.

```
.text, #text, p{  
    color:#5CD2FF  
}
```

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 #5CD2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CD2FF
}
```

Border

The CSS property to change the border of an element to Hex 5CD2FF 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
#5CD2FF }
```

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

```
.border{ border-color:#5CD2FF }
```

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

Here you see how a box with a 4 pixel #5CD2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CD2FF; -webkit-box-shadow:4px 4px  
4px 4px #5CD2FF; box-shadow:4px 4px 4px  
4px #5CD2FF }
```

Background

The CSS property to change the background color of an element to Hex 5CD2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CD2FF }
```

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

```
.background{ background-color:#5CD2FF }
```

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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