

Converting Colors

Hex(5DC8FF)

Have a look what the booklet for
Hex(5DC8FF) contains.

Hex(5DC8FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5DC8FF)

Conversions

Conversions Part 1

Format	Color
Hex	5DC8FF
RGB	93, 200, 255
RGB Percent	36%, 78%, 100%
CMY	0.6353, 0.2157, 0.0000
CMYK	0.64, 0.22, 0.00, 0.00
HSL	200°, 100%, 68%
HSV	200°, 64%, 100%
XYZ	43.2185, 50.8557, 102.1460
YIQ	174.2770, -81.4270, -5.5790

Conversions

Conversions Part 2

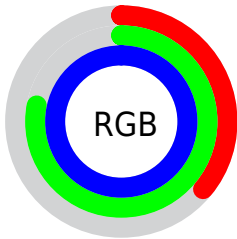
Format	Color
R _Y B	93, 157, 255
Decimal	6146303
CIE Lab	76.59, -14.62, -36.15
CIE LCh	77, 38.989, 247.984
Yxy	50.8557, 0.2203, 0.2592
Android (android.graphics.Color)	4284336383 (0xFF5DC8FF)
YUV	174.2770, 39.7964, -71.2799
Hunter-Lab	71.3132, -16.6204, -35.0053

Details

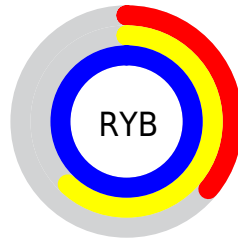
The Hex color **5DC8FF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF945D**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **9DFFFF**, and **0092C6** is the 20% darker color. If you saturate the color by 10%, you get **43BFFF**, and if you desaturate by 10%, it is **77D1FF**.

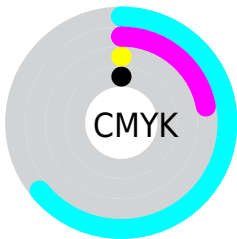
Distribution



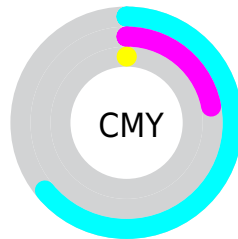
- Red (36%)
- Green (78%)
- Blue (100%)



- Red (36%)
- Yellow (62%)
- Blue (100%)



- Cyan (64%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DC8FF 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 5DC8FF by changing the saturation by 10% instead.

 5DC8FF

 5DC8FF

FFFFFF

 38ADE2

 9DFFFF

 0092C6

 BBFFFF

 0078AB

 DAFFFF

 006090

 F9FFFF

 004876

 00325D

 001E45

 00042E

 000119

■ 5DC8FF

■ 5DC8FF

■ 43BFFF

■ 77D1FF

■ 2AB7FF

■ 90D9FF

■ 10AEFF

■ AAE2FF

■ 00A8FF

■ C3EBFF

■ DDF3FF

■ F6FCFF

FFFFFF

Harmonies

Analogous

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



30CFE8



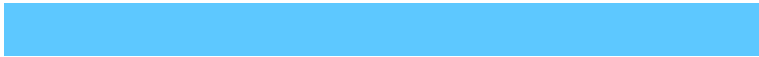
5DC8FF



99BDFE

Triad

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



5DC8FF



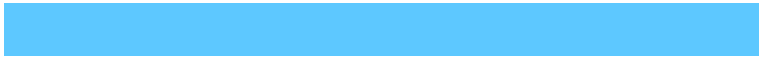
FFA1B5



A4C883

Complementary

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



5DC8FF



FF945D

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.



CCBE75



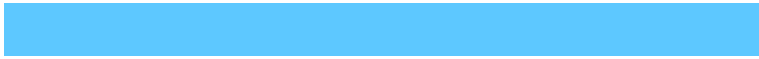
5DC8FF



FFA692

Square

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



5DC8FF



F2A5D9



ECB27B



78CEA1

Rectangle

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



5DC8FF



BEB5FD



ECB27B



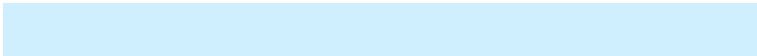
B2C57C

Sweetspot

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



5DC8FF



CFEFFF



5DFF93



627680



000000



808080

Same Dimension

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



5DC8FF



3DBDFF



5D78FF



737B80



007EBF



002A40

Inverse Universe

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



FF5DC8



FF3DBD



FFE45D



80737B



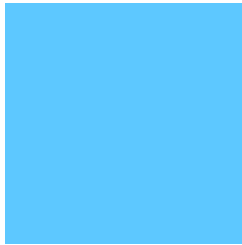
BF007E



40002A

Previews

White Background



This preview shows how the Hex color 5DC8FF looks on a white background.

Color Contrast Check

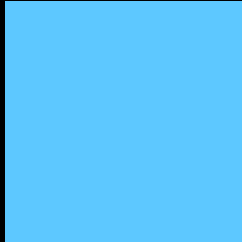
Large Text (above 18pt) WCAG AA × Fail

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 5DC8FF 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

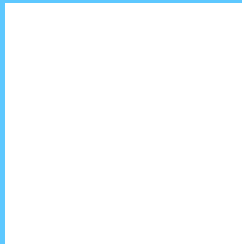
Any Text WCAG AAA ✓ Pass

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

Hex 5DC8FF Background



This preview shows how black text looks on a background with the Hex color 5DC8FF.

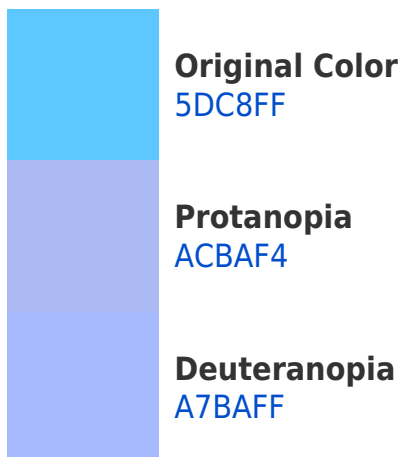


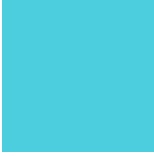
This preview shows how white text looks on a background with the Hex color 5DC8FF.

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](#).

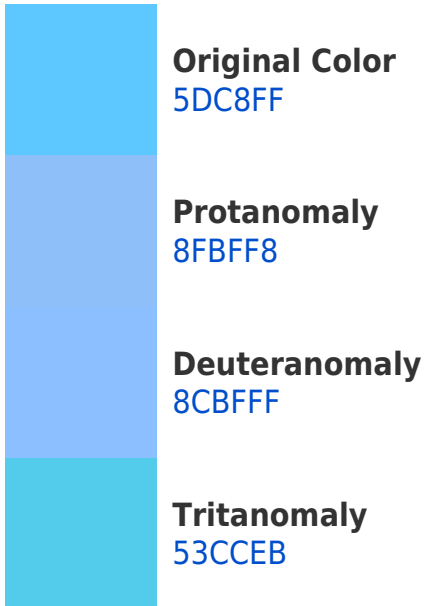
Dichromacy



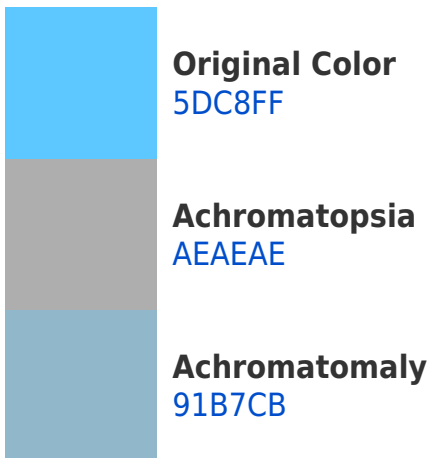


Tritanopia
4DCEDF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DC8FF 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 #5DC8FF looks like.

```
.text, #text, p{  
    color:#5DC8FF  
}
```

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 #5DC8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DC8FF
}
```

Border

The CSS property to change the border of an element to Hex 5DC8FF 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
#5DC8FF }
```

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

```
.border{ border-color:#5DC8FF }
```

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

Here you see how a box with a 4 pixel #5DC8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DC8FF; -webkit-box-shadow:4px 4px  
4px 4px #5DC8FF; box-shadow:4px 4px 4px  
4px #5DC8FF }
```

Background

The CSS property to change the background color of an element to Hex 5DC8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DC8FF }
```

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

```
.background{ background-color:#5DC8FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor