

Converting Colors

Hex(57D5FF)

Have a look what the booklet for
Hex(57D5FF) contains.

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Color

Hex(57D5FF)

Conversions

Conversions Part 1

Format	Color
Hex	57D5FF
RGB	87, 213, 255
RGB Percent	34%, 84%, 100%
CMY	0.6588, 0.1647, 0.0000
CMYK	0.66, 0.16, 0.00, 0.00
HSL	195°, 100%, 67%
HSV	195°, 66%, 100%
XYZ	45.7747, 56.8347, 103.1654
YIQ	180.1140, -88.5780, -13.6500

Conversions

Conversions Part 2

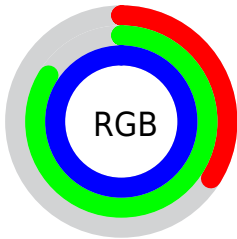
Format	Color
RYB	87, 159, 255
Decimal	5756415
CIELab	80.09, -22.24, -30.77
CIELCh	80, 37.968, 234.135
Yxy	56.8347, 0.2225, 0.2762
Android (android.graphics.Color)	4283946495 (0xFF57D5FF)
YUV	180.1140, 36.9188, -81.6610
Hunter-Lab	75.3888, -23.5484, -28.3629

Details

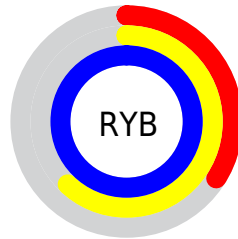
The Hex color **57D5FF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF8157**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **99FFFF**, and **009EC6** is the 20% darker color. If you saturate the color by 10%, you get **3ECFFF**, and if you desaturate by 10%, it is **71DBFF**.

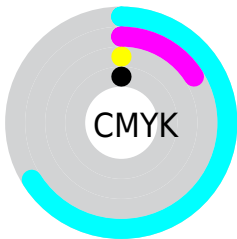
Distribution



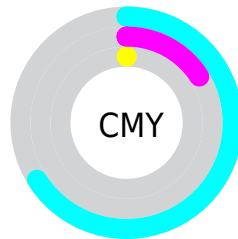
- Red (34%)
- Green (84%)
- Blue (100%)



- Red (34%)
- Yellow (62%)
- Blue (100%)



- Cyan (66%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57D5FF 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 57D5FF by changing the saturation by 10% instead.

 57D5FF

 57D5FF

FFFFFF

 2EB9E2

 99FFFF

 009EC6

 B8FFFF

 0084AB

 D7FFFF

 006B90

 F6FFFF

 005276

 003B5D

 002546

 00042F

 00011A

■ 57D5FF

■ 57D5FF

■ 3ECFFF

■ 71DBFF

■ 24C8FF

■ 8AE2FF

■ 0BC2FF

■ A4E8FF

■ 00BFFF

■ BDEFFF

■ D7F5FF

■ F0FBFF

FFFFFF

Harmonies

Analogous

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



4BD9E2



57D5FF



8BCCFF

Triad

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



57D5FF



FFACCF



C1CD85

Complementary

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



57D5FF



FF8157

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.



E5C280



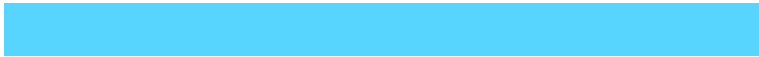
57D5FF



FFADAB

Square

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



57D5FF



EDB4F1



FFB68E



98D59C

Rectangle

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



57D5FF



B0C4FF



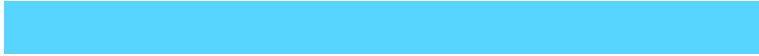
FFB68E



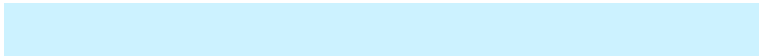
CECA81

Sweetspot

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



57D5FF



CCF2FF



57FF81



617880



000000



808080

Same Dimension

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



57D5FF



36CDFF



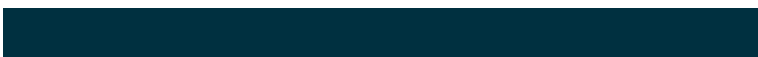
5781FF



737C80



008FBF



003040

Inverse Universe

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



FF57D5



FF36CD



FFD557



80737C



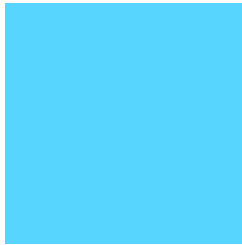
BF008F



400030

Previews

White Background



This preview shows how the Hex color 57D5FF looks on a white background.

Color Contrast Check

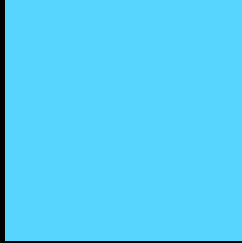
Large Text (above 18pt) WCAG AA × Fail

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 57D5FF 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 57D5FF Background



This preview shows how black text looks on a background with the Hex color 57D5FF.

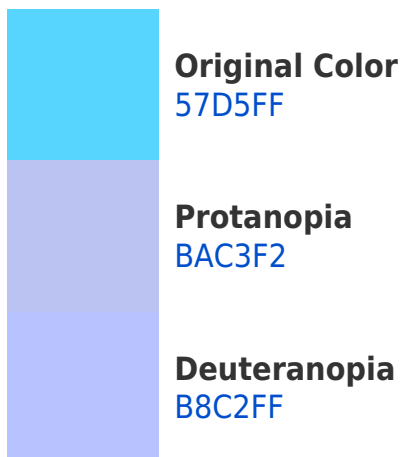


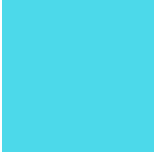
This preview shows how white text looks on a background with the Hex color 57D5FF.

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](#).

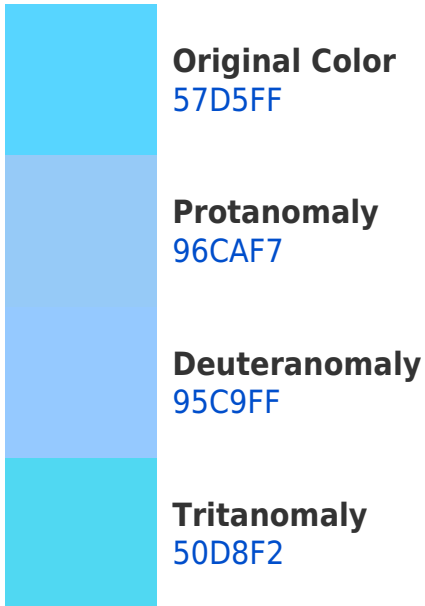
Dichromacy



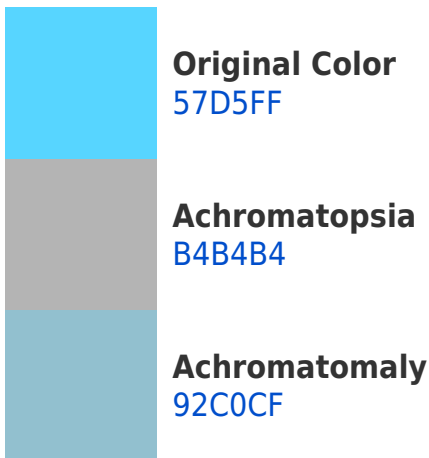


Tritanopia
4CD9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57D5FF 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 #57D5FF looks like.

```
.text, #text, p{  
    color:#57D5FF  
}
```

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 #57D5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57D5FF
}
```

Border

The CSS property to change the border of an element to Hex 57D5FF 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
#57D5FF }
```

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

```
.border{ border-color:#57D5FF }
```

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

Here you see how a box with a 4 pixel #57D5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57D5FF; -webkit-box-shadow:4px 4px  
4px 4px #57D5FF; box-shadow:4px 4px 4px  
4px #57D5FF }
```

Background

The CSS property to change the background color of an element to Hex 57D5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57D5FF }
```

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

```
.background{ background-color:#57D5FF }
```

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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