

# Converting Colors

Hex(5FDDFF)

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

|                                                |    |
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# **Color**

**Hex(5FDDFF)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 5FDDFF                       |
| RGB         | 95, 221, 255                 |
| RGB Percent | 37%, 87%, 100%               |
| CMY         | 0.6275, 0.1333, 0.0000       |
| CMYK        | 0.63, 0.13, 0.00, 0.00       |
| HSL         | 193°, 100%, 69%              |
| HSV         | 193°, 63%, 100%              |
| XYZ         | 48.6258, 61.3658, 103.8897   |
| YIQ         | 187.2020, -86.0100, -16.1380 |

# Conversions

## Conversions Part 2

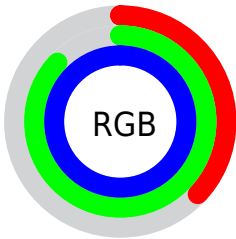
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 95, 165, 255                   |
| Decimal                             | 6282751                        |
| CIELab                              | 82.58, -25.00, -26.94          |
| CIELCh                              | 83, 36.749, 227.140            |
| Yxy                                 | 61.3658, 0.2273,<br>0.2869     |
| Android<br>(android.graphics.Color) | 4284472831<br>(0xFF5FDDFF)     |
| YUV                                 | 187.2020, 33.4244,<br>-80.8612 |
| Hunter-Lab                          | 78.3363, -26.2881,<br>-23.7950 |

# Details

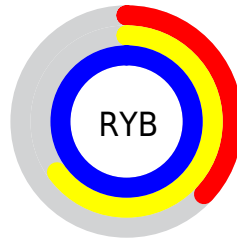
The Hex color **5FDDFF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF815F**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **9FFFFFF**, and **00A6C6** is the 20% darker color. If you saturate the color by 10%, you get **45D8FF**, and if you desaturate by 10%, it is **79E2FF**.

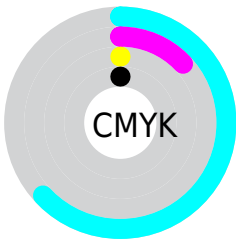
# Distribution



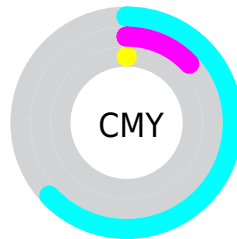
- Red (37%)
- Green (87%)
- Blue (100%)



- Red (37%)
- Yellow (65%)
- Blue (100%)



- Cyan (63%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (13%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 5FDDFF

 5FDDFF

FFFFFF

 39C1E2

 9FFFFFF

 00A6C6

 BEFFFF

 008BAB

 DDFFFF

 007190

 FCFFFF

 005976

 00415E

 002A46

 00132F

 00011A

■ 5FDDFF

■ 5FDDFF

■ 45D8FF

■ 79E2FF

■ 2CD2FF

■ 92E8FF

■ 12CDFF

■ ACEDFF

■ 00C9FF

■ C5F3FF

■ DFF8FF

■ F8FEFF

FFFFFF

# Harmonies

## Analogous

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



5FE0E1



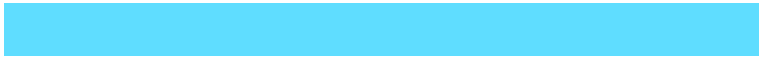
5FDDFF



89D5FF

# Triad

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



5FDDFF



FFB5DE



D1D28B

# Complementary

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



5FDDFF



FF815F

# 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.



F3C68B



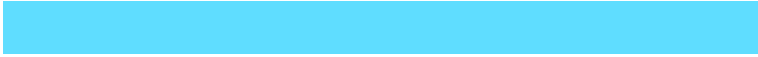
5FDDFF



FFB4BB

# Square

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



5FDDFF



EABEFD



FFBB9C



AADA9E

# Rectangle

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



5FDDFF



ACCEFF



FFBB9C



DDCE89

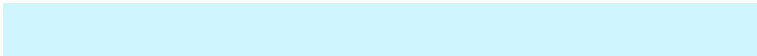


# Sweetspot

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



5FDDFF



CFF5FF



5FFF7F



627980



000000



808080



# Same Dimension

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



5FDDFF



40D6FF



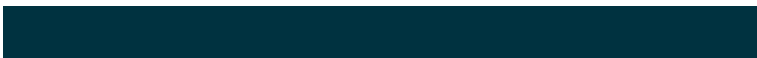
5F8FFF



737D80



0097BF



003240



# Inverse Universe

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



FF5FDD



FF40D6



FFCF5F



80737D



BF0097

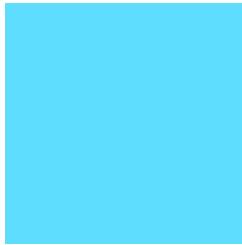


400032



# Previews

## White Background



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

## Color Contrast Check

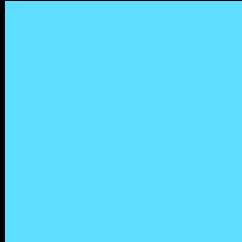
Large Text (above 18pt) WCAG AA × Fail

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 5FDDFF 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 5FDDFF Background



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

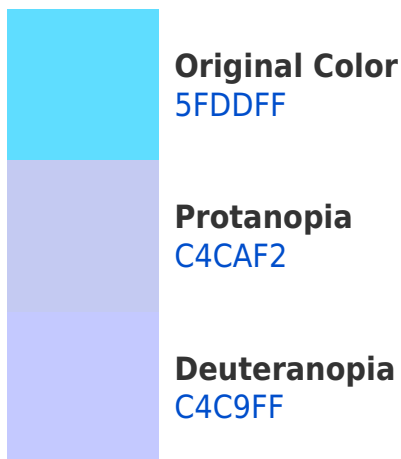


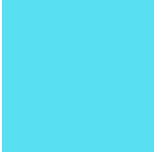
This preview shows how white text looks on a background with the Hex color 5FDDFF.

# 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](#).

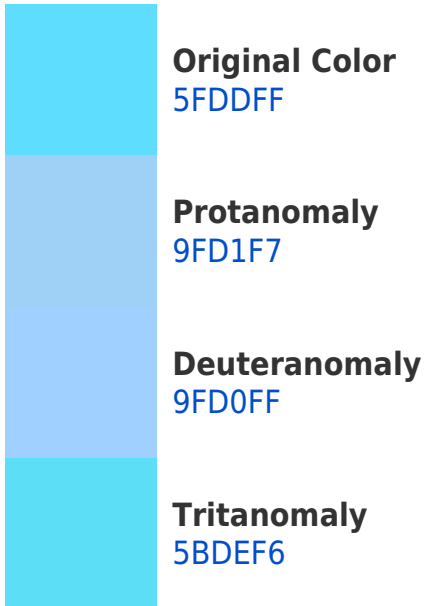
## Dichromacy



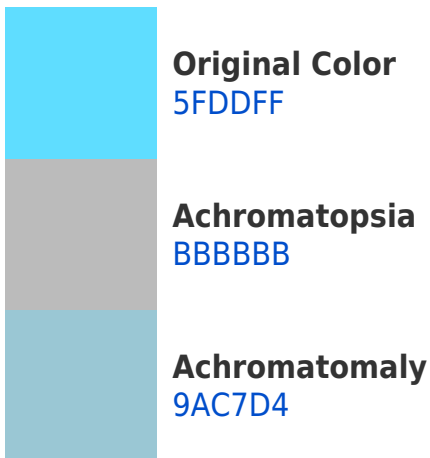


**Tritanopia**  
58DFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #5FDDFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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