

# Converting Colors

Hex(54DDFF)

Have a look what the booklet for  
Hex(54DDFF) contains.

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# **Color**

**Hex(54DDFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54DDFF
RGB	84, 221, 255
RGB Percent	33%, 87%, 100%
CMY	0.6706, 0.1333, 0.0000
CMYK	0.67, 0.13, 0.00, 0.00
HSL	192°, 100%, 66%
HSV	192°, 67%, 100%
XYZ	47.5626, 60.8177, 103.8399
YIQ	183.9130, -92.5660, -18.4700

# Conversions

## Conversions Part 2

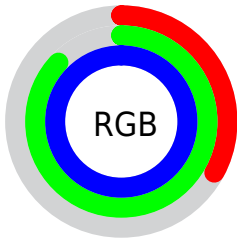
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	84, 160, 255
Decimal	5561855
CIE Lab	82.28, -26.66, -27.41
CIE LCh	82, 38.243, 225.794
Yxy	60.8177, 0.2241, 0.2866
Android (android.graphics.Color)	4283751935 (0xFF54DDFF)
YUV	183.9130, 35.0459, -87.6237
Hunter-Lab	77.9857, -27.6099, -24.3561

# Details

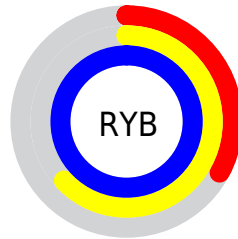
The Hex color **54DDFF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF7654**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **97FFFF**, and **00A6C6** is the 20% darker color. If you saturate the color by 10%, you get **3AD8FF**, and if you desaturate by 10%, it is **6DE2FF**.

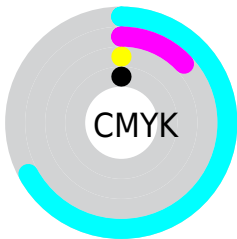
# Distribution



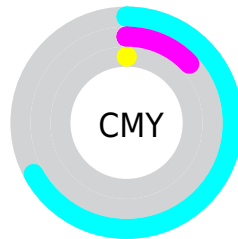
- Red (33%)
- Green (87%)
- Blue (100%)



- Red (33%)
- Yellow (63%)
- Blue (100%)



- Cyan (67%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (13%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54DDFF 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 54DDFF by changing the saturation by 10% instead.



 54DDFF

 54DDFF

FFFFFF

 28C1E2

 97FFFF

 00A6C6

 B6FFFF

 008BAB

 D6FFFF

 007190

 F5FFFF

 005976

 00415E

 002A46

 00122F

 00011A

■ 54DDFF

■ 54DDFF

■ 3AD8FF

■ 6DE2FF

■ 21D3FF

■ 87E7FF

■ 08CEFF

■ A1ECFF

■ 00CCFF

■ BAF1FF

■ D3F6FF

■ EDFBFF

FFFFFF

# Harmonies

## Analogous

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



58E0DF



54DDFF



81D5FF

# Triad

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



54DDFF



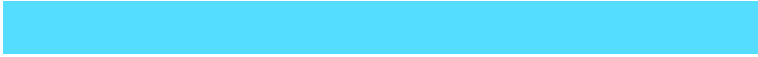
FFB3DF



D2D187

# Complementary

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



54DDFF



FF7654

# 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.



F4C587



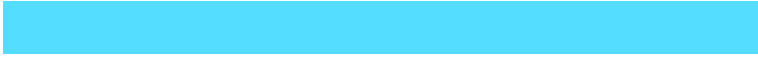
54DDFF



FFB2BB

# Square

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



54DDFF



E9BDFE



FFB99B



AADA9A

# Rectangle

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



54DDFF



A6CEFF



FFB99B

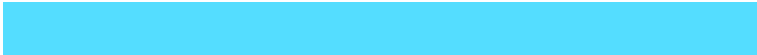


DECD85

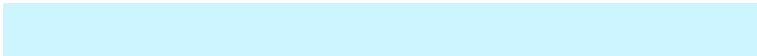


# Sweetspot

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



54DDFF



CCF5FF



54FF73



617980



000000



808080



# Same Dimension

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



54DDFF



33D6FF



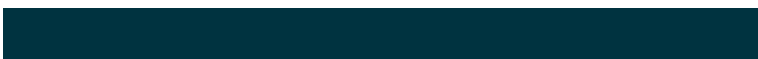
548AFF



737D80



0099BF



003340



# Inverse Universe

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



FF54DD



FF33D6



FFC954



80737D



BF0099

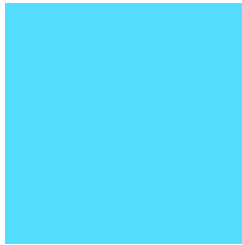


400033



# Previews

## White Background



This preview shows how the Hex color 54DDFF looks on a white background.

## Color Contrast Check

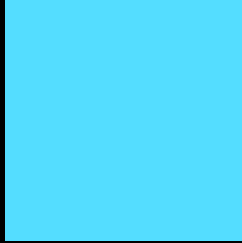
Large Text (above 18pt) WCAG AA × Fail

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 54DDFF 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 54DDFF Background



This preview shows how black text looks on a background with the Hex color 54DDFF.

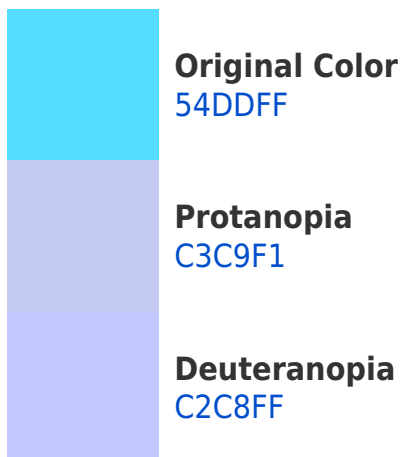


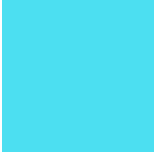
This preview shows how white text looks on a background with the Hex color 54DDFF.

# 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](#).

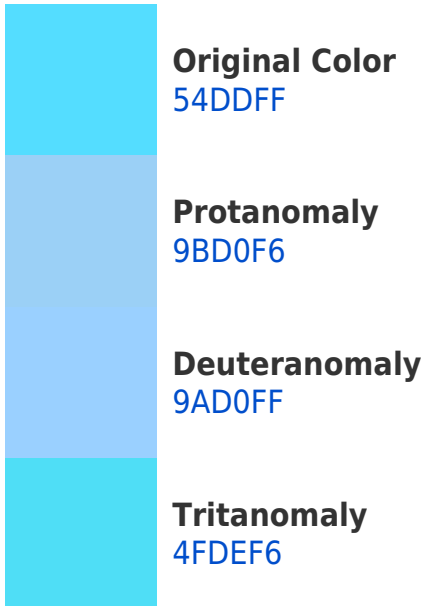
## Dichromacy



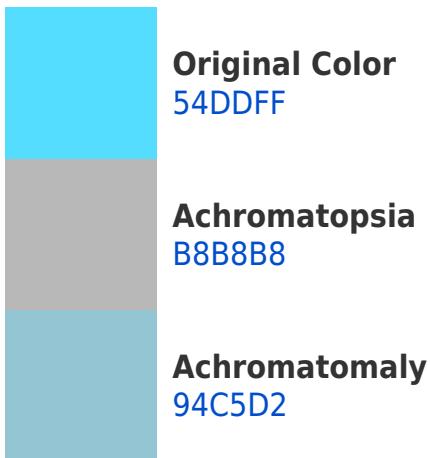


**Tritanopia**  
4CDFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54DDFF 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 #54DDFF looks like.

```
.text, #text, p{  
    color:#54DDFF  
}
```

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 #54DDFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54DDFF }  
}
```

## Border

The CSS property to change the border of an element to Hex 54DDFF 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 #54DDFF }  
}
```

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

```
.border{ border-color:#54DDFF }
```

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

Here you see how a box with a 4 pixel #54DDFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54DDFF; -webkit-box-shadow:4px 4px  
4px 4px #54DDFF; box-shadow:4px 4px 4px  
4px #54DDFF }
```

# Background

The CSS property to change the background color of an element to Hex 54DDFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54DDFF }
```

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

```
.background{ background-color:#54DDFF }
```

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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