

# Converting Colors

Hex(54DFDD)

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

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# Color

**Hex(54DFDD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54DFDD
RGB	84, 223, 221
RGB Percent	33%, 87%, 87%
CMY	0.6706, 0.1255, 0.1333
CMYK	0.62, 0.00, 0.01, 0.13
HSL	179°, 68%, 60%
HSV	179°, 62%, 87%
XYZ	43.0950, 59.8806, 77.6934
YIQ	181.2110, -82.2020, -30.0900

# Conversions

## Conversions Part 2

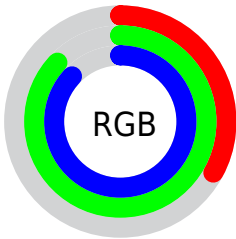
Format	Color
<a href="#">RYB</a>	<a href="#">84, 154, 223</a>
Decimal	<a href="#">5562333</a>
CIELab	<a href="#">81.77, -37.32, -10.14</a>
CIELCh	<a href="#">82, 38.672, 195.208</a>
Yxy	<a href="#">59.8806, 0.2385, 0.3314</a>
Android (android.graphics.Color)	<a href="#">4283752413 (0xFF54DFDD)</a>
YUV	<a href="#">181.2110, 19.6160, -85.2540</a>
Hunter-Lab	<a href="#">77.3826, -36.0114, -5.3603</a>

# Details

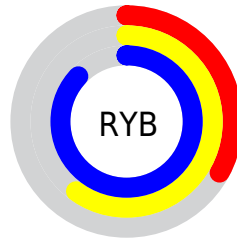
The Hex color **54DFDD** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DF5456**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **94FFFF**, and **00A7A6** is the 20% darker color. If you saturate the color by 10%, you get **3EDFDD**, and if you desaturate by 10%, it is **6ADFDD**.

# Distribution



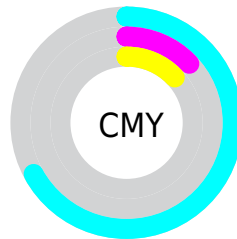
- Red (33%)
- Green (87%)
- Blue (87%)



- Red (33%)
- Yellow (60%)
- Blue (87%)



- Cyan (62%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



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

# Brightness & Saturation Gradients

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



 54DFDD

 54DFDD

FFFFFF

 2CC3C1

 94FFFF

 00A7A6

 B3FFFF

 008C8C

 D1FFFF

 007272

 F0FFFF

 00595A

 004142

 002B2C

 000D18

 000000

 54DFDD

 54DFDD

 3EDFDD

 6ADFDD

 27DFDC

 81DFDE

 11DFDC

 97DFDE

 00DFDC

 ADDFDE

 C3DFDF

 DADDFD

 F0DFDF

 FFDFE0

# Harmonies

## Analogous

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



7DDEB8



54DFDD



4FDCFE

# Triad

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



54DFDD



E7BBFF



F4C386

# Complementary

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



54DFDD



DF5456

# 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.



FFB799



54DFDD



FFB2DF

# Square

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



54DFDD



B6C8FF



FFB0BA



D1CF84

# Rectangle

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



54DFDD



6BD7FF



FFB0BA



FDBF8A

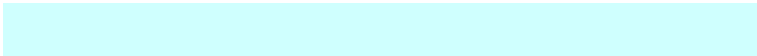


# Sweetspot

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



54DFDD



CFFFFE



56DF54



62807F



000000



808080



# Same Dimension

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



54DFDD



40FFFC



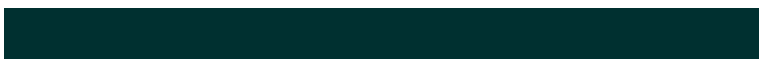
549CDF



657070



00B0AD



003030



# Inverse Universe

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



DF5456



FF4043



DF9754



706565



B00003

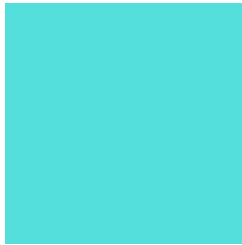


300001



# Previews

## White Background



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

## Color Contrast Check

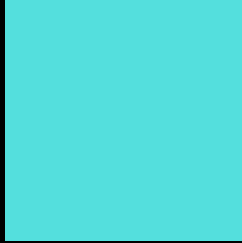
Large Text (above 18pt) WCAG AA × Fail

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 54DFDD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

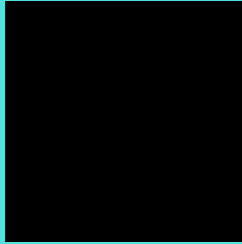
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 54DFDD Background



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

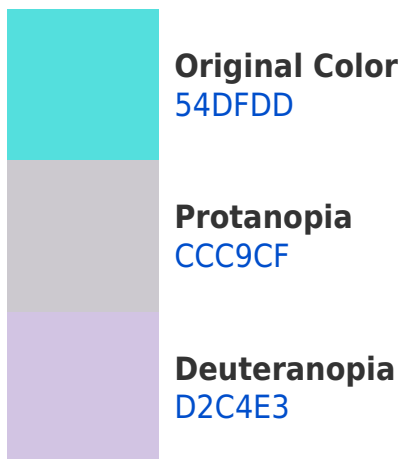


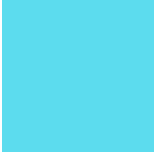
This preview shows how white text looks on a background with the Hex color 54DFDD.

# 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





# Trichromacy



**Original Color**  
54DFDD



**Protanomaly**  
A0D1D4



**Deuteranomaly**  
A4CEE1

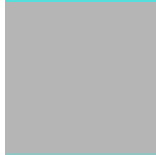


**Tritanomaly**  
59DDE8

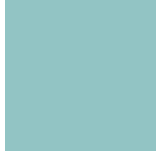
# Monochromacy



**Original Color**  
54DFDD



**Achromatopsia**  
B5B5B5



**Achromatomaly**  
92C4C4

# CSS Examples

## Text

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

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

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 #54DFDD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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