

# Converting Colors

Hex(53DEF0)

Have a look what the booklet for  
Hex(53DEF0) contains.

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# **Color**

**Hex(53DEF0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53DEF0
RGB	83, 222, 240
RGB Percent	33%, 87%, 94%
CMY	0.6745, 0.1294, 0.0588
CMYK	0.65, 0.07, 0.00, 0.06
HSL	187°, 84%, 63%
HSV	187°, 65%, 94%
XYZ	45.4167, 60.3728, 91.6975
YIQ	182.4910, -88.6220, -23.8700

# Conversions

## Conversions Part 2

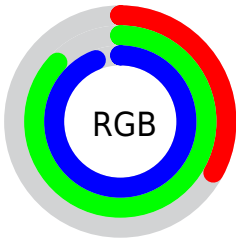
Format	Color
<b>RYB</b>	83, 157, 240
Decimal	5496560
CIELab	82.04, -31.69, -19.83
CIELCh	82, 37.386, 212.041
Yxy	60.3728, 0.2300, 0.3057
Android (android.graphics.Color)	4283686640 (0xFF53DEF0)
YUV	182.4910, 28.3519, -87.2536
Hunter-Lab	77.7000, -31.6391, -15.5810

# Details

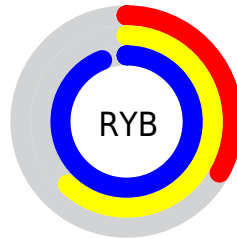
The Hex color **53DEF0** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **F06553**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **95FFFF**, and **00A6B8** is the 20% darker color. If you saturate the color by 10%, you get **3BDBF0**, and if you desaturate by 10%, it is **6BE1F0**.

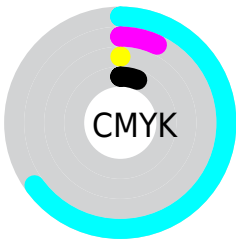
# Distribution



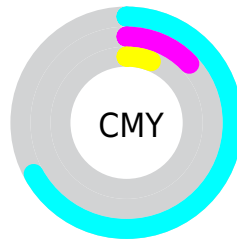
- Red (33%)
- Green (87%)
- Blue (94%)



- Red (33%)
- Yellow (62%)
- Blue (94%)



- Cyan (65%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (67%)
- Magenta (13%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53DEF0 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 53DEF0 by changing the saturation by 10% instead.



 53DEF0

 53DEF0

FFFFFF

 28C2D4

 95FFFF

 00A6B8

 B4FFFF

 008C9D

 D3FFFF

 007283

 F2FFFF

 00596A

 004152

 002A3A

 001025

 00010E

 53DEF0

 53DEF0

 3BDBF0

 6BE1F0

 23D8F0

 83E4F0

 0BD6F0

 9BE6F0

 00D4F0

 B3E9F0

 CBECF0

 E3EFF0

 FBF1F0

 FFF4F0

 FFF7F0

# Harmonies

## Analogous

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



6ADFCD



53DEF0



6CD8FF

# Triad

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



53DEF0



FBB7EE



E2CB86

# Complementary

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



53DEF0



F06553

# 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.



FFBF8F



53DEF0



FFB1CB

# Square

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



53DEF0



D4C2FF



FFB5A9



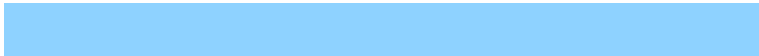
BDD590

# Rectangle

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



53DEF0



8ED2FF



FFB5A9



EDC787

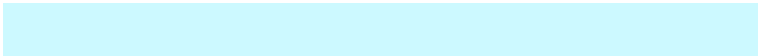


# Sweetspot

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



53DEF0



CCF9FF



53F063



617C80



000000



808080



# Same Dimension

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



53DEF0



36E8FF



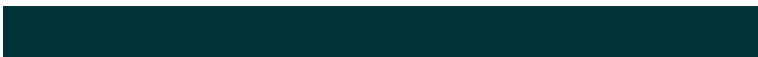
5392F0



6C7678



00A3B8



003238



# Inverse Universe

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



F053DE



FF36E8



F0B153



786C76



B800A3

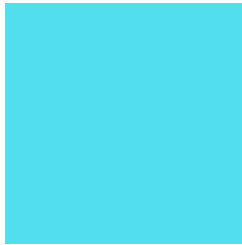


380032



# Previews

## White Background



This preview shows how the Hex color 53DEF0 looks on a white background.

## Color Contrast Check

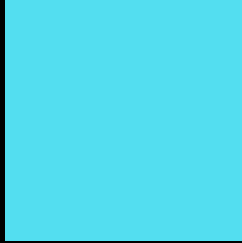
Large Text (above 18pt) WCAG AA × Fail

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 53DEF0 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 53DEF0 Background



This preview shows how black text looks on a background with the Hex color 53DEF0.

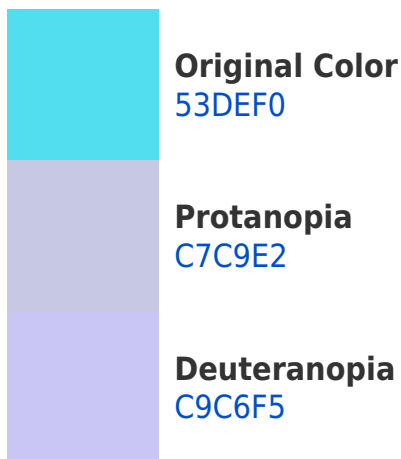


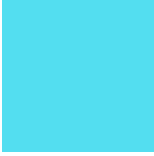
This preview shows how white text looks on a background with the Hex color 53DEF0.

# 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



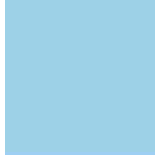


**Tritanopia**  
53DEF0

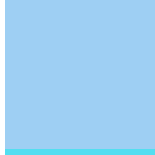
# Trichromacy



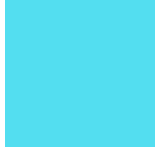
**Original Color**  
53DEF0



**Protanomaly**  
9DD1E7



**Deuteranomaly**  
9ECFF3

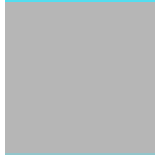


**Tritanomaly**  
53DEF0

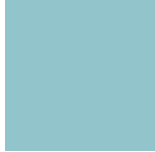
# Monochromacy



**Original Color**  
53DEF0



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
92C5CB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53DEF0 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 #53DEF0 looks like.

```
.text, #text, p{  
    color:#53DEF0  
}
```

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 #53DEF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53DEF0
}
```

## Border

The CSS property to change the border of an element to Hex 53DEF0 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
#53DEF0 }
```

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

```
.border{ border-color:#53DEF0 }
```

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

Here you see how a box with a 4 pixel #53DEF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53DEF0; -webkit-box-shadow:4px 4px  
4px 4px #53DEF0; box-shadow:4px 4px 4px  
4px #53DEF0 }
```

# Background

The CSS property to change the background color of an element to Hex 53DEF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53DEF0 }
```

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

```
.background{ background-color:#53DEF0 }
```

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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