

Converting Colors

Hex(53CBF1)

Have a look what the booklet for
Hex(53CBF1) contains.

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Color

Hex(53CBF1)

Conversions

Conversions Part 1

Format	Color
Hex	53CBF1
RGB	83, 203, 241
RGB Percent	33%, 80%, 95%
CMY	0.6745, 0.2039, 0.0549
CMYK	0.66, 0.16, 0.00, 0.05
HSL	194°, 85%, 64%
HSV	194°, 66%, 95%
XYZ	40.8004, 50.9017, 90.8937
YIQ	171.4520, -83.7180, -13.6220

Conversions

Conversions Part 2

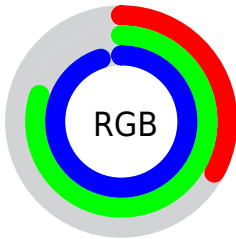
Format	Color
RYB	83, 151, 241
Decimal	5491697
CIELab	76.62, -22.04, -28.63
CIELCh	77, 36.132, 232.402
Yxy	50.9017, 0.2234, 0.2788
Android (android.graphics.Color)	4283681777 (0xFF53CBF1)
YUV	171.4520, 34.2872, -77.5724
Hunter-Lab	71.3455, -22.7756, -25.5933

Details

The Hex color **53CBF1** 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 **F17953**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **94FFFF**, and **0095B9** is the 20% darker color. If you saturate the color by 10%, you get **3BC5F1**, and if you desaturate by 10%, it is **6BD1F1**.

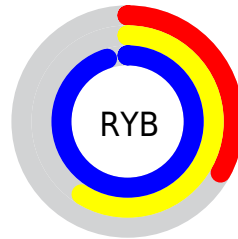
Distribution



Red (33%)

Green (80%)

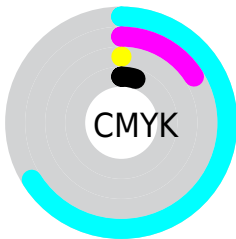
Blue (95%)



Red (33%)

Yellow (59%)

Blue (95%)

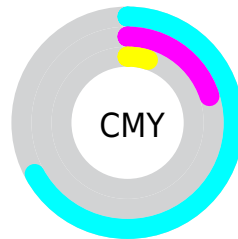


Cyan (66%)

Magenta (16%)

Yellow (0%)

Black (5%)



Cyan (67%)

Magenta (20%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53CBF1 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 53CBF1 by changing the saturation by 10% instead.

 53CBF1

FFFFFF

 94FFFF

 B2FFFF

 D1FFFF

 F0FFFF

 53CBF1

 2AAFD5

 0095B9

 007B9E

 006284

 004A6A

 003352

 001F3B

 000225

 00010D

■ 53CBF1

■ 53CBF1

■ 3BC5F1

■ 6BD1F1

■ 23BFF1

■ 83D7F1

■ 0BBAF1

■ 9BDCF1

■ 00B7F1

■ B3E2F1

■ CBE8F1

■ E4EEF1

■ FCF4F1

■ FFF9F1

■ FFFFF1

Harmonies

Analogous

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



4BCFD5



53CBF1



82C3FF

Triad

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



53CBF1



F9A4C7



BAC37E

Complementary

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



53CBF1



F17953

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.



DCB87B



53CBF1



FFA5A5

Square

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



53CBF1



DFACE6



F4AD89



94CB93

Rectangle

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



53CBF1



A5BCFE



F4AD89



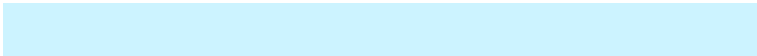
C6BF7B

Sweetspot

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



53CBF1



CCF3FF



53F178



617880



000000



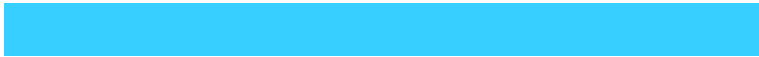
808080

Same Dimension

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



53CBF1



36CFFF



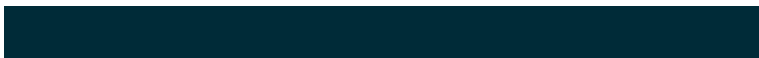
537DF1



6C7578



008BB8



002B38

Inverse Universe

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



F153CB



FF36CF



F1C753



786C75



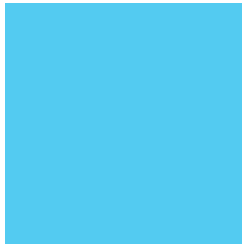
B8008B



38002B

Previews

White Background



This preview shows how the Hex color 53CBF1 looks on a white background.

Color Contrast Check

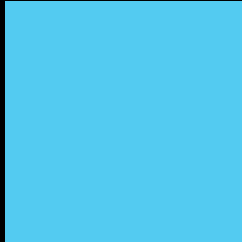
Large Text (above 18pt) WCAG AA × Fail

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 53CBF1 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 53CBF1 Background



This preview shows how black text looks on a background with the Hex color 53CBF1.

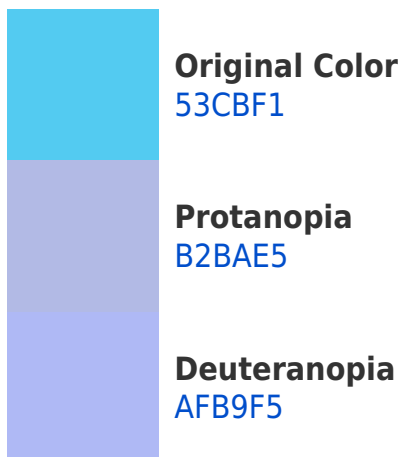


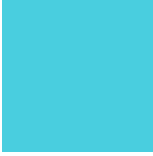
This preview shows how white text looks on a background with the Hex color 53CBF1.

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](#).

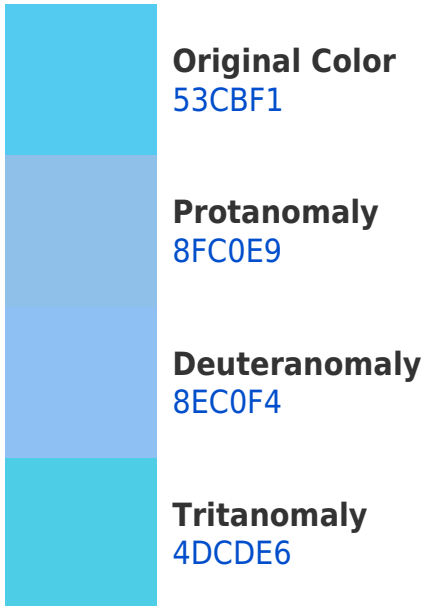
Dichromacy



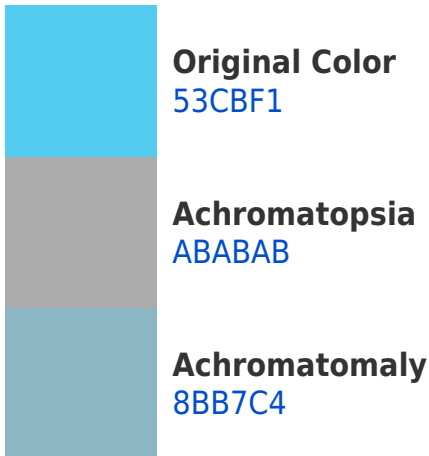


Tritanopia
49CEDF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53CBF1 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 #53CBF1 looks like.

```
.text, #text, p{  
    color:#53CBF1  
}
```

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 #53CBF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53CBF1
}
```

Border

The CSS property to change the border of an element to Hex 53CBF1 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
#53CBF1 }
```

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

```
.border{ border-color:#53CBF1 }
```

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

Here you see how a box with a 4 pixel #53CBF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53CBF1; -webkit-box-shadow:4px 4px  
4px 4px #53CBF1; box-shadow:4px 4px 4px  
4px #53CBF1 }
```

Background

The CSS property to change the background color of an element to Hex 53CBF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53CBF1 }
```

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

```
.background{ background-color:#53CBF1 }
```

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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