

Converting Colors

Hex(53D4EB)

Have a look what the booklet for
Hex(53D4EB) contains.

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Color

Hex(53D4EB)

Conversions

Conversions Part 1

Format	Color
Hex	53D4EB
RGB	83, 212, 235
RGB Percent	33%, 83%, 92%
CMY	0.6745, 0.1686, 0.0784
CMYK	0.65, 0.10, 0.00, 0.08
HSL	189°, 79%, 62%
HSV	189°, 65%, 92%
XYZ	42.1062, 54.9241, 86.9795
YIQ	176.0510, -84.2670, -20.1950

Conversions

Conversions Part 2

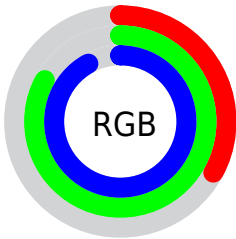
Format	Color
R _Y B	83, 153, 235
Decimal	5493995
CIE Lab	79.00, -28.31, -21.78
CIE LCh	79, 35.724, 217.575
Yxy	54.9241, 0.2288, 0.2985
Android (android.graphics.Color)	4283684075 (0xFF53D4EB)
YUV	176.0510, 29.0619, -81.6057
Hunter-Lab	74.1108, -28.2789, -17.7076

Details

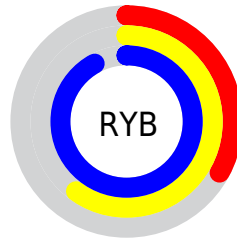
The Hex color **53D4EB** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **EB6A53**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **94FFFF**, and **009DB3** is the 20% darker color. If you saturate the color by 10%, you get **3CD0EB**, and if you desaturate by 10%, it is **6BD8EB**.

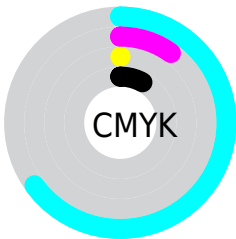
Distribution



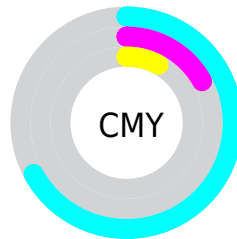
- Red (33%)
- Green (83%)
- Blue (92%)



- Red (33%)
- Yellow (60%)
- Blue (92%)



- Cyan (65%)
- Magenta (10%)
- Yellow (0%)
- Black (8%)



- Cyan (67%)
- Magenta (17%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53D4EB 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 53D4EB by changing the saturation by 10% instead.

 53D4EB

 53D4EB

FFFFFF

 2AB8CF

 94FFFF

 009DB3

 B2FFFF

 008398

 D1FFFF


 00697E


 F0FFFF

 005165

 00394D

 002436

 000221

 000007

■ 53D4EB

■ 53D4EB

■ 3CD0EB

■ 6BD8EB

■ 24CDEB

■ 82DBEB

■ 0DC9EB

■ 9ADFEB

■ 00C7EB

■ B1E2EB

■ C9E6EB

■ E0E9EB

■ F8EDEB

■ FFF0EB

■ FFF4EB

Harmonies

Analogous

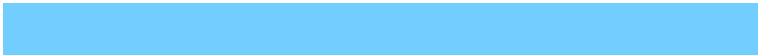
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61D6CB



53D4EB



72CEFF

Triad

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



53D4EB



F5AEDE



D2C481

Complementary

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



53D4EB



EB6A53

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.



F0B987



53D4EB



FFAABC

Square

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



53D4EB



D3B8F8



FFAF9D



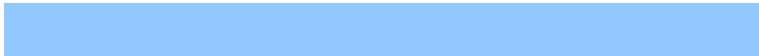
AECE8E

Rectangle

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



53D4EB



93C8FF



FFAF9D



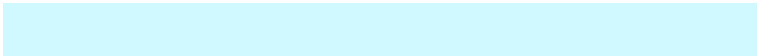
DDC181

Sweetspot

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



53D4EB



CFF8FF



53EB6A



627B80



000000



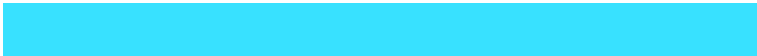
808080

Same Dimension

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



53D4EB



38E1FF



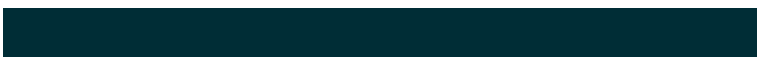
5388EB



6A7475



009AB5



002D36

Inverse Universe

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



EB53D4



FF38E1



EBB653



756A74



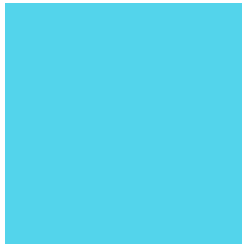
B5009A



36002D

Previews

White Background



This preview shows how the Hex color 53D4EB looks on a white background.

Color Contrast Check

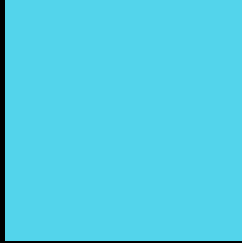
Large Text (above 18pt) WCAG AA × Fail

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 53D4EB 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 53D4EB Background



This preview shows how black text looks on a background with the Hex color 53D4EB.

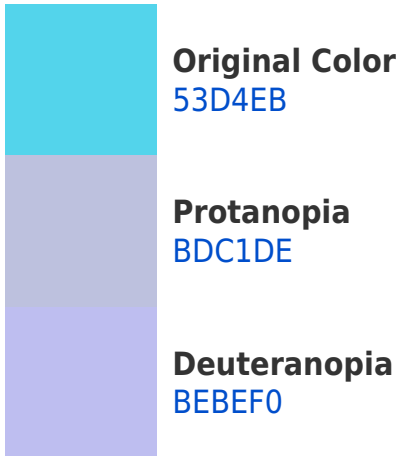


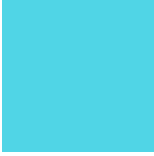
This preview shows how white text looks on a background with the Hex color 53D4EB.

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](#).

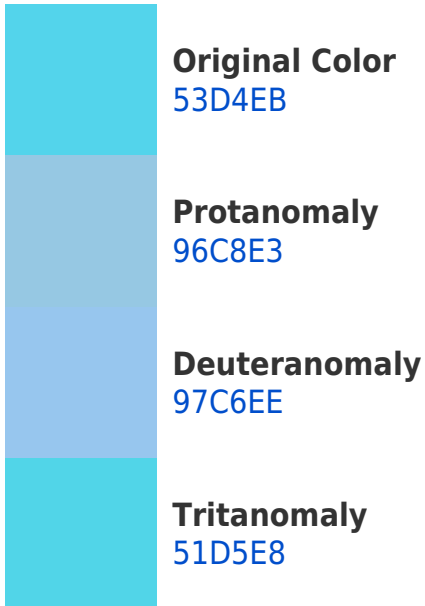
Dichromacy



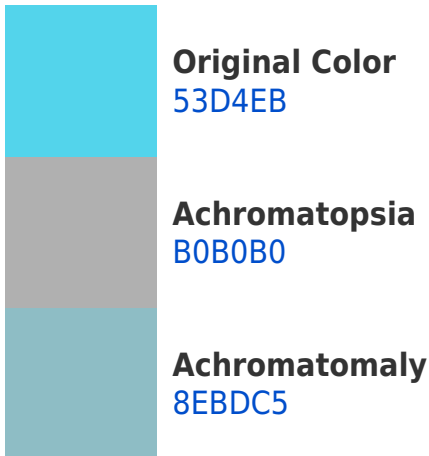


Tritanopia
50D5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53D4EB 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 #53D4EB looks like.

```
.text, #text, p{  
    color:#53D4EB  
}
```

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 #53D4EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53D4EB
}
```

Border

The CSS property to change the border of an element to Hex 53D4EB 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
#53D4EB }
```

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

```
.border{ border-color:#53D4EB }
```

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

Here you see how a box with a 4 pixel #53D4EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53D4EB; -webkit-box-shadow:4px 4px  
4px 4px #53D4EB; box-shadow:4px 4px 4px  
4px #53D4EB }
```

Background

The CSS property to change the background color of an element to Hex 53D4EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53D4EB }
```

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

```
.background{ background-color:#53D4EB }
```

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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