

Converting Colors

Hex(54CDED)

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

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Color

Hex(54CDED)

Conversions

Conversions Part 1

Format	Color
Hex	54CDED
RGB	84, 205, 237
RGB Percent	33%, 80%, 93%
CMY	0.6706, 0.1961, 0.0706
CMYK	0.65, 0.14, 0.00, 0.07
HSL	193°, 81%, 63%
HSV	193°, 65%, 93%
XYZ	40.7735, 51.6619, 87.9435
YIQ	172.4690, -82.3880, -15.7000

Conversions

Conversions Part 2

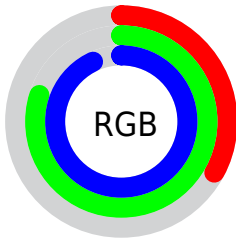
Format	Color
RYB	84, 152, 237
Decimal	5557741
CIELab	77.08, -24.10, -25.78
CIELCh	77, 35.291, 226.920
Yxy	51.6619, 0.2260, 0.2864
Android (android.graphics.Color)	4283747821 (0xFF54CDED)
YUV	172.4690, 31.8138, -77.5873
Hunter-Lab	71.8762, -24.5249, -22.2304

Details

The Hex color **54CEDE** 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 **ED7454**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **94FFFF**, and **0097B5** is the 20% darker color. If you saturate the color by 10%, you get **3CC8ED**, and if you desaturate by 10%, it is **6CD2ED**.

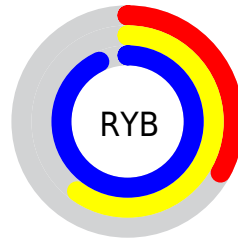
Distribution



Red (33%)

Green (80%)

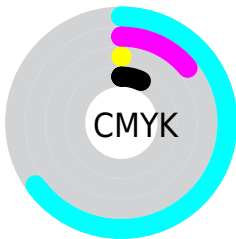
Blue (93%)



Red (33%)

Yellow (60%)

Blue (93%)

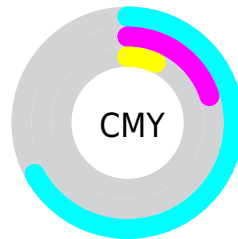


Cyan (65%)

Magenta (14%)

Yellow (0%)

Black (7%)



Cyan (67%)

Magenta (20%)

Yellow (7%)

Brightness & Saturation Gradients

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

 54CDED

 54CDED

FFFFFF

 2CB1D1

 94FFFF

 0097B5

 B3FFFF

 007C9A

 D1FFFF

 006380

 F0FFFF

 004B67

 00344F

 002038

 000222

 000009

■ 54CDED

■ 54CDED

■ 3CC8ED

■ 6CD2ED

■ 25C3ED

■ 83D7ED

■ 0DBEED

■ 9BDCED

■ 00BBED

■ B3E1ED

■ CAE6ED

■ E2EBED

■ FAF0ED

■ FFF5ED

■ FFFAED

Harmonies

Analogous

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



55D0D0



54CDED



7CC6FD

Triad

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



54CDED



F6A7CE



C2C27F

Complementary

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



54CDED



ED7454

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.



E2B77F



54CDED



FFA6AD

Square

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



54CEDD



D9AFEB



F8AD90



9DCA91

Rectangle

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



54CEDD



9EBFFF



F8AD90



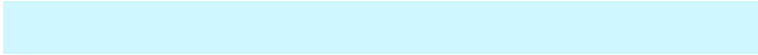
CDBF7D

Sweetspot

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



54CEDD



CFF5FF



54ED73



627980



000000



808080

Same Dimension

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



54CDED



3BD6FF



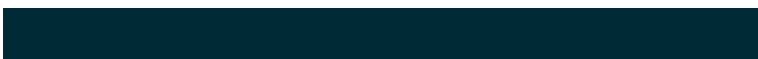
5482ED



6A7375



008FB5



002A36

Inverse Universe

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



ED54CD



FF3BD6



EDBF54



756A73



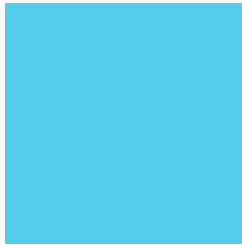
B5008F



36002A

Previews

White Background



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

Color Contrast Check

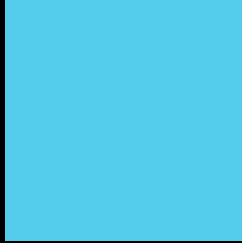
Large Text (above 18pt) WCAG AA × Fail

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 54CDED 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 54CEDE Background



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

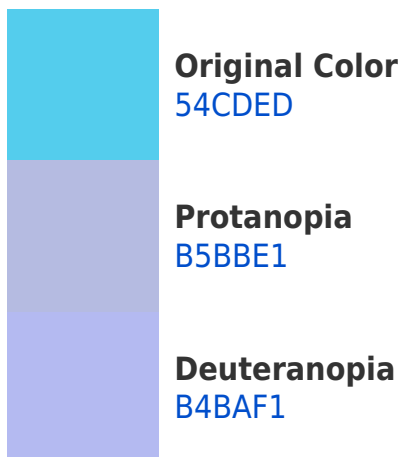


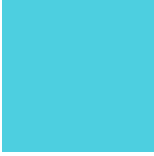
This preview shows how white text looks on a background with the Hex color 54CEDE.

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](#).

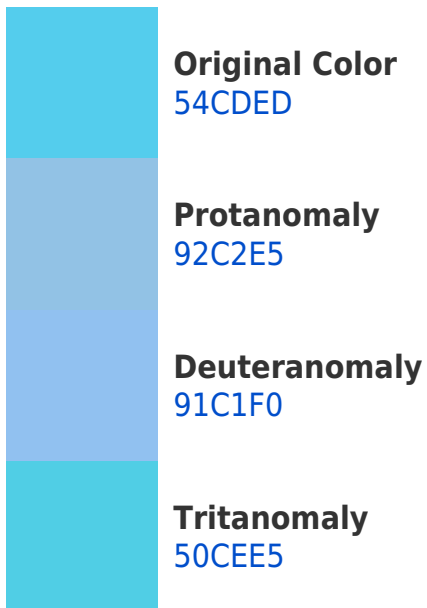
Dichromacy



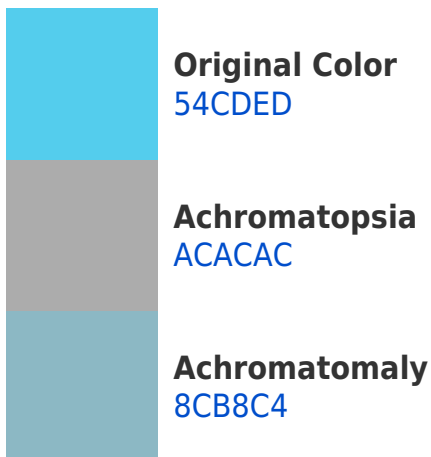


Tritanopia
4DCFEO

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #54CDED colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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