

Converting Colors

Hex(54CDC9)

Have a look what the booklet for
Hex(54CDC9) contains.

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Color

Hex(54CDC9)

Conversions

Conversions Part 1

Format	Color
Hex	54CDC9
RGB	84, 205, 201
RGB Percent	33%, 80%, 79%
CMY	0.6706, 0.1961, 0.2118
CMYK	0.59, 0.00, 0.02, 0.20
HSL	178°, 55%, 57%
HSV	178°, 59%, 80%
XYZ	36.0301, 49.7645, 62.9649
YIQ	168.3650, -70.8320, -26.8960

Conversions

Conversions Part 2

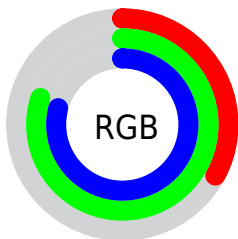
Format	Color
RYB	84, 146, 205
Decimal	5557705
CIELab	75.92, -34.36, -8.14
CIElCh	76, 35.312, 193.320
Yxy	49.7645, 0.2422, 0.3345
Android (android.graphics.Color)	4283747785 (0xFF54CDC9)
YUV	168.3650, 16.0891, -73.9881
Hunter-Lab	70.5440, -32.2837, -3.5392

Details

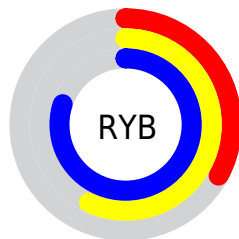
The Hex color **54CDC9** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CD5458**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **91FFFF**, and **009693** is the 20% darker color. If you saturate the color by 10%, you get **3FCDC8**, and if you desaturate by 10%, it is **69CDCA**.

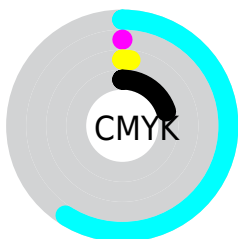
Distribution



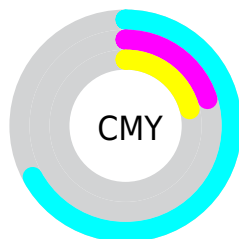
- Red (33%)
- Green (80%)
- Blue (79%)



- Red (33%)
- Yellow (57%)
- Blue (80%)



- Cyan (59%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (67%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54CDC9 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 54CDC9 by changing the saturation by 10% instead.

 54CDC9

 54CDC9

FFFFFF

 31B1AE

 91FFFF

 009693

 AFFFFFFF

 007C79

 CDFFFF

 006261

 EBFFFF

 004A49

 003232

 001E1D

 000003

 000000

54CDC9

54CDC9

3FCDC8

69CDCA

2BCDC8

7DCDCA

16CDC7

92CDCB

02CDC6

A6CDCC

00CDC6

BBCDCC

CFCDCD

E4CDCE

F8CDCE

FFCDCE

Harmonies

Analogous

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



78CCA7



54CDC9



4DCAE7

Triad

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



54CDC9



D2AEEB



E2B37D

Complementary

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



54CDC9



CD5458

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.



F6A890



54CDC9



F0A5CF

Square

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



54CDC9



A5B9FA



FCA3AE



C3BE7B

Rectangle

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



54CDC9



63C6F5



FCA3AE



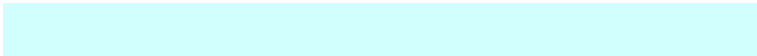
EAAF82

Sweetspot

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



54CDC9



D1FFFD



58CD54



63807F



000000



808080

Same Dimension

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



54CDC9



4AFFF9



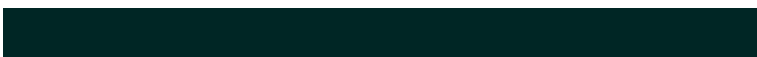
5495CD



5C6666



00A6A0



002625

Inverse Universe

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



CD5458



FF4A50



CD8C54



665C5C



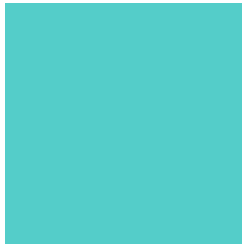
A60005



260001

Previews

White Background



This preview shows how the Hex color 54CDC9 looks on a white background.

Color Contrast Check

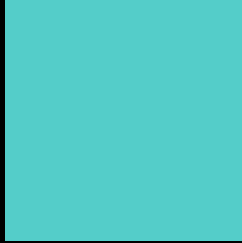
Large Text (above 18pt) WCAG AA × Fail

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 54CDC9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

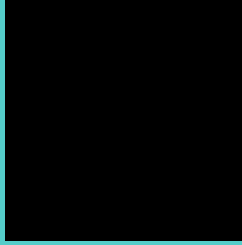
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

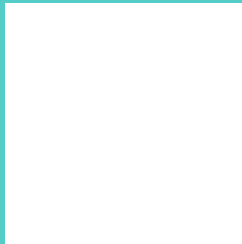
Any Text WCAG AAA ✓ Pass

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

Hex 54CDC9 Background



This preview shows how black text looks on a background with the Hex color 54CDC9.

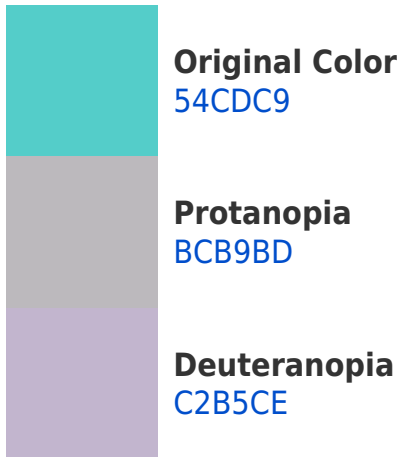


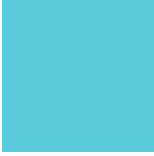
This preview shows how white text looks on a background with the Hex color 54CDC9.

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](#).

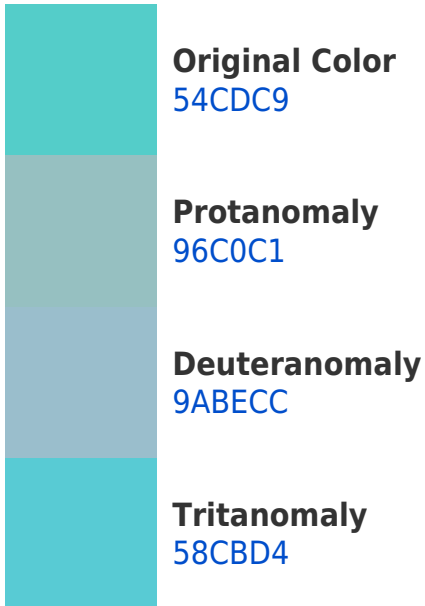
Dichromacy





Tritanopia
5BCADB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 54CDC9 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 #54CDC9 looks like.

```
.text, #text, p{  
    color:#54CDC9  
}
```

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 #54CDC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54CDC9
}
```

Border

The CSS property to change the border of an element to Hex 54CDC9 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
#54CDC9 }
```

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

```
.border{ border-color:#54CDC9 }
```

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

Here you see how a box with a 4 pixel #54CDC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54CDC9; -webkit-box-shadow:4px 4px  
4px 4px #54CDC9; box-shadow:4px 4px 4px  
4px #54CDC9 }
```

Background

The CSS property to change the background color of an element to Hex 54CDC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54CDC9 }
```

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

```
.background{ background-color:#54CDC9 }
```

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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