

Converting Colors

Hex(54CEC5)

Have a look what the booklet for
Hex(54CEC5) contains.

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Color

Hex(54CEC5)

Conversions

Conversions Part 1

Format	Color
Hex	54CEC5
RGB	84, 206, 197
RGB Percent	33%, 81%, 77%
CMY	0.6706, 0.1922, 0.2275
CMYK	0.59, 0.00, 0.04, 0.19
HSL	176°, 55%, 57%
HSV	176°, 59%, 81%
XYZ	35.8055, 50.0586, 60.5985
YIQ	168.4960, -69.8230, -28.6630

Conversions

Conversions Part 2

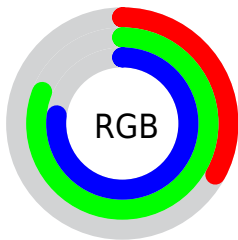
Format	Color
RYB	84, 147, 206
Decimal	5557957
CIELab	76.11, -35.89, -5.71
CIELCh	76, 36.346, 189.038
Yxy	50.0586, 0.2445, 0.3418
Android (android.graphics.Color)	4283748037 (0xFF54CEC5)
YUV	168.4960, 14.0525, -74.1030
Hunter-Lab	70.7521, -33.4828, -1.2548

Details

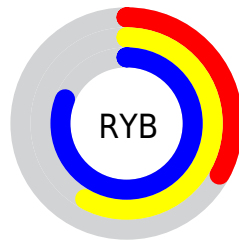
The Hex color **54CEC5** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CE545D**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **91FFFE**, and **00978F** is the 20% darker color. If you saturate the color by 10%, you get **3FCEC3**, and if you desaturate by 10%, it is **69CEC7**.

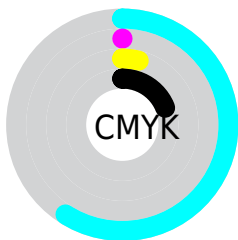
Distribution



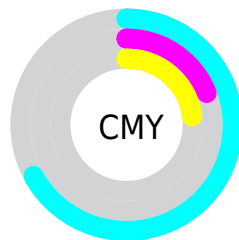
- Red (33%)
- Green (81%)
- Blue (77%)



- Red (33%)
- Yellow (58%)
- Blue (81%)



- Cyan (59%)
- Magenta (0%)
- Yellow (4%)
- Black (19%)



- Cyan (67%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Hex color 54CEC5 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 54CEC5 by changing the saturation by 10% instead.

 54CEC5

 54CEC5

FFFFFF

 31B2AA

 91FFFE

 00978F

 AFFFFFFF

 007D76

 CDFFFF

 00635D

 EBFFFF

 004B46

 00332F

 001E1B

 000000

 54CEC5

 54CEC5

 3FCEC3

 69CEC7

 2BCEC2

 7DCEC8

 16CEC0

 92CECA

 02CEBF

 A6CECB

 00CEBF

 BBCECD

 D0CECE

 E4CED0

 F9CED1

 FFCED3

Harmonies

Analogous

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



7BCCA3



54CEC5



45CCE5

Triad

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



54CEC5



CDAFF0



E7B17E

Complementary

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



54CEC5



CE545D

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.



FAA793



54CEC5



EEA5D4

Square

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



54CEC5



9DBBFE



FDA2B3



C8BD79

Rectangle

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



54CEC5



59C8F4



FDA2B3



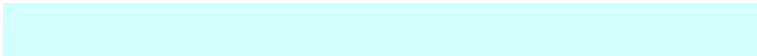
EFAE83

Sweetspot

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



54CEC5



D1FFFC



5ECE54



63807D



000000



808080

Same Dimension

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



54CEC5



4AFFF2



549BCE



5C6665



00A69A



002623

Inverse Universe

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



CE545D



FF4A57



CE8754



665C5D



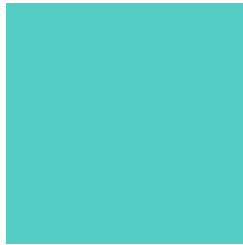
A6000C



260003

Previews

White Background



This preview shows how the Hex color 54CEC5 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 54CEC5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

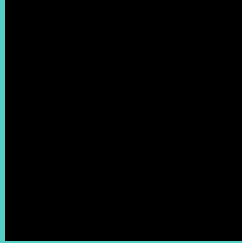
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

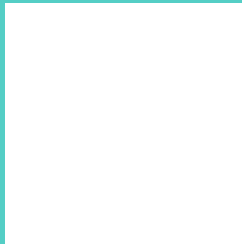
Any Text WCAG AAA ✓ Pass

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

Hex 54CEC5 Background



This preview shows how black text looks on a background with the Hex color 54CEC5.



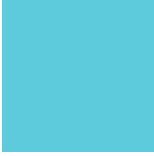
This preview shows how white text looks on a background with the Hex color 54CEC5.

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





Trichromacy



Original Color
54CEC5



Protanomaly
97C1BD



Deuteranomaly
9CBEC8

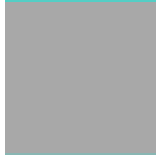


Tritanomaly
5ACCD3

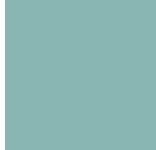
Monochromacy



Original Color
54CEC5



Achromatopsia
A8A8A8



Achromatomaly
89B6B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 54CEC5 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 #54CEC5 looks like.

```
.text, #text, p{  
    color:#54CEC5  
}
```

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 #54CEC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54CEC5
}
```

Border

The CSS property to change the border of an element to Hex 54CEC5 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
#54CEC5 }
```

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

```
.border{ border-color:#54CEC5 }
```

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

Here you see how a box with a 4 pixel #54CEC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54CEC5; -webkit-box-shadow:4px 4px  
4px 4px #54CEC5; box-shadow:4px 4px 4px  
4px #54CEC5 }
```

Background

The CSS property to change the background color of an element to Hex 54CEC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54CEC5 }
```

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

```
.background{ background-color:#54CEC5 }
```

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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