

Converting Colors

Hex(55CCC4)

Have a look what the booklet for
Hex(55CCC4) contains.

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Color

Hex(55CCC4)

Conversions

Conversions Part 1

Format	Color
Hex	55CCC4
RGB	85, 204, 196
RGB Percent	33%, 80%, 77%
CMY	0.6667, 0.2000, 0.2314
CMYK	0.58, 0.00, 0.04, 0.20
HSL	176°, 54%, 57%
HSV	176°, 58%, 80%
XYZ	35.3030, 49.1025, 59.8416
YIQ	167.5070, -68.3560, -27.7160

Conversions

Conversions Part 2

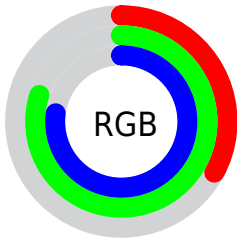
Format	Color
RYB	85, 147, 204
Decimal	5622980
CIELab	75.52, -35.05, -6.04
CIELCh	76, 35.565, 189.777
Yxy	49.1025, 0.2447, 0.3404
Android (android.graphics.Color)	4283813060 (0xFF55CCC4)
YUV	167.5070, 14.0470, -72.3586
Hunter-Lab	70.0732, -32.6996, -1.5817

Details

The Hex color **55CCC4** 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 **CC555D**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **92FFFD**, and **00958E** is the 20% darker color. If you saturate the color by 10%, you get **41CCC3**, and if you desaturate by 10%, it is **69CCC5**.

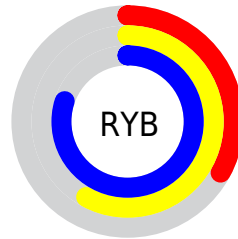
Distribution



Red (33%)

Green (80%)

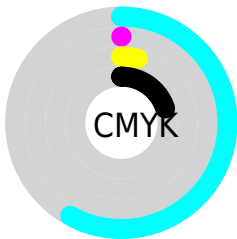
Blue (77%)



Red (33%)

Yellow (58%)

Blue (80%)

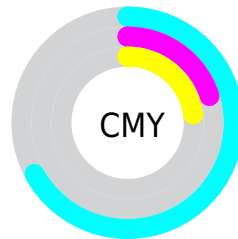


Cyan (58%)

Magenta (0%)

Yellow (4%)

Black (20%)



Cyan (67%)

Magenta (20%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55CCC4 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 55CCC4 by changing the saturation by 10% instead.

 55CCC4

 55CCC4

FFFFFF

 33B0A9

 92FFFD

 00958E

 AFFFFFFF

 007B75

 CDFFFF

 00625C

 EBFFFF

 004945

 00322F

 001C1A

 000000

 55CCC4

 55CCC4

41CCC3

69CCC5

2CCCC1

7ECCC7

18CCC0

92CCC8

03CCBF

A7CCC9

00CCBE

BBCCCB

CFCCCC

E4CCCE

F8CCCF

FFCCD0

Harmonies

Analogous

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



7ACAA2



55CCC4



48CAE3

Triad

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



55CCC4



CCAEEED



E4B07D

Complementary

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



55CCC4



CC555D

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.



F7A692



55CCC4



ECA4D1

Square

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



55CCC4



9EBAFA



FBA1B0



C6BB79

Rectangle

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



55CCC4



5CC6F2



FBA1B0



EBAD82

Sweetspot

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



55CCC4



D1FFFC



5FCC55



63807E



000000



808080

Same Dimension

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



55CCC4



4DFFF3



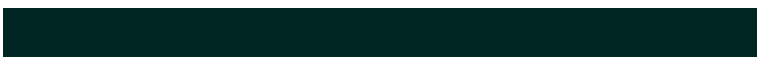
559ACC



5C6665



00A69B



002624

Inverse Universe

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



CC555D



FF4D58



CC8755



665C5C



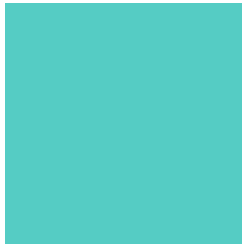
A6000B



260003

Previews

White Background



This preview shows how the Hex color 55CCC4 looks on a white background.

Color Contrast Check

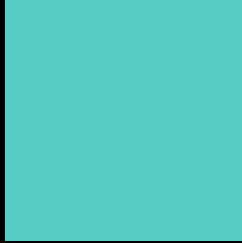
Large Text (above 18pt) WCAG AA × Fail

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 55CCC4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

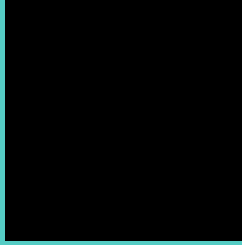
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

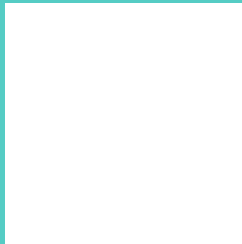
Any Text WCAG AAA ✓ Pass

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

Hex 55CCC4 Background



This preview shows how black text looks on a background with the Hex color 55CCC4.

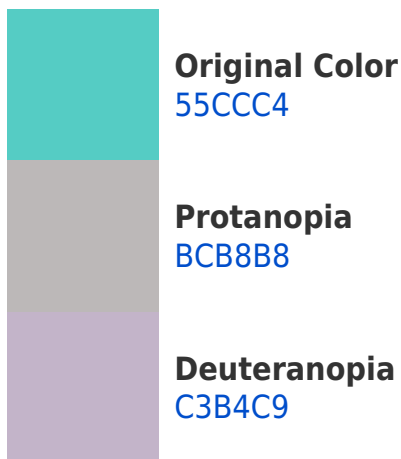


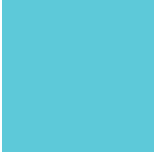
This preview shows how white text looks on a background with the Hex color 55CCC4.

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](#).

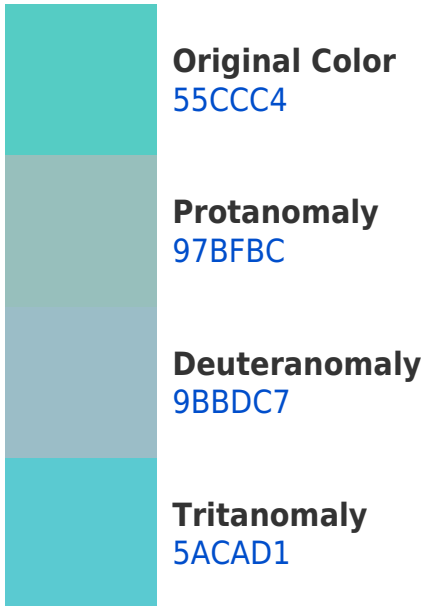
Dichromacy



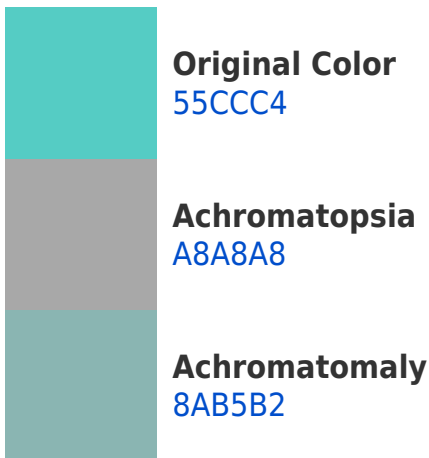


Tritanopia
5DC9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55CCC4 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 #55CCC4 looks like.

```
.text, #text, p{  
    color:#55CCC4  
}
```

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 #55CCC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55CCC4  
}
```

Border

The CSS property to change the border of an element to Hex 55CCC4 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  
#55CCC4 }
```

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

```
.border{ border-color:#55CCC4 }
```

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

Here you see how a box with a 4 pixel #55CCC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55CCC4; -webkit-box-shadow:4px 4px  
4px 4px #55CCC4; box-shadow:4px 4px 4px  
4px #55CCC4 }
```

Background

The CSS property to change the background color of an element to Hex 55CCC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55CCC4 }
```

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

```
.background{ background-color:#55CCC4 }
```

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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