

Converting Colors

Hex(52CCAF)

Have a look what the booklet for
Hex(52CCAF) contains.

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Color

Hex(52CCAF)

Conversions

Conversions Part 1

Format	Color
Hex	52CCAF
RGB	82, 204, 175
RGB Percent	32%, 80%, 69%
CMY	0.6784, 0.2000, 0.3137
CMYK	0.60, 0.00, 0.14, 0.20
HSL	166°, 54%, 56%
HSV	166°, 60%, 80%
XYZ	32.8104, 48.0747, 48.1075
YIQ	164.2160, -63.4030, -34.8830

Conversions

Conversions Part 2

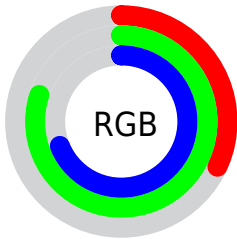
Format	Color
RYB	82, 151, 204
Decimal	5426351
CIELab	74.87, -40.94, 4.35
CIELCh	75, 41.173, 173.939
Yxy	48.0747, 0.2544, 0.3727
Android (android.graphics.Color)	4283616431 (0xFF52CCAF)
YUV	164.2160, 5.3165, -72.1034
Hunter-Lab	69.3359, -36.8700, 7.3978

Details

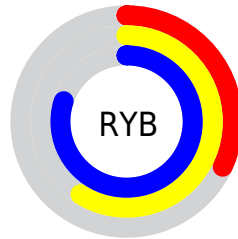
The Hex color **52CCAF** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **CC526F**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **8EFFE6**, and **00957B** is the 20% darker color. If you saturate the color by 10%, you get **3ECCAA**, and if you desaturate by 10%, it is **66CCB4**.

Distribution



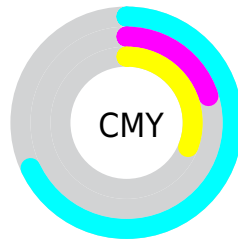
- Red (32%)
- Green (80%)
- Blue (69%)



- Red (32%)
- Yellow (59%)
- Blue (80%)



- Cyan (60%)
- Magenta (0%)
- Yellow (14%)
- Black (20%)



- Cyan (68%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52CCAF 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 52CCAF by changing the saturation by 10% instead.

 52CCAF

 52CCAF

FFFFFF

 30B094

 8EFFE6

 00957B

 ACFFFF

 007B62

 C9FFFF

 00614A

 E7FFFF

 004833

 00311E

 001A06

 000000

 52CCAF

 52CCAF

 3ECCAA

 66CCB4

 29CCA5

 7BCCB9

 15CCA0

 8FCCBE

 00CC9C

 A4CCC2

 B8CCC7

 CCCCCC

 E1CCD1

 F5CCD6

 FFCCDB

Harmonies

Analogous

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



86C88A



52CCAF



03CCD6

Triad

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



52CCAF



B1B1FD



F4A67C

Complementary

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



52CCAF



CC526F

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.



FF9C9B



52CCAF



E1A4E5

Square

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



52CCAF



72BEFF



FC9BC2



D8B36C

Rectangle

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



52CCAF



00CAEC



FC9BC2



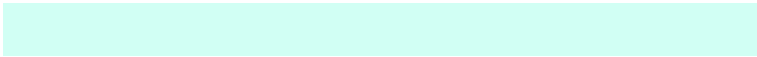
FBA285

Sweetspot

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



52CCAF



D1FFF4



71CC52



638079



000000



808080

Same Dimension

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



52CCAF



47FFD3



52AECC



5C6664



00A67E



00261D

Inverse Universe

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



CC526F



FF4773



CC7152



665C5E



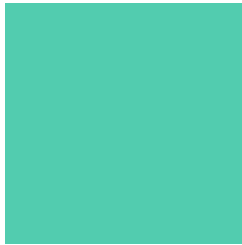
A60027



260009

Previews

White Background



This preview shows how the Hex color 52CCAF looks on a white background.

Color Contrast Check

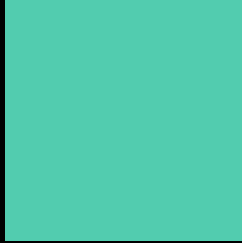
Large Text (above 18pt) WCAG AA × Fail

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 52CCAF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

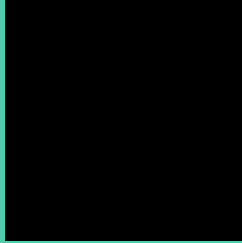
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

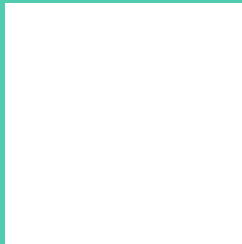
Any Text WCAG AAA ✓ Pass

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

Hex 52CCAF Background



This preview shows how black text looks on a background with the Hex color 52CCAF.

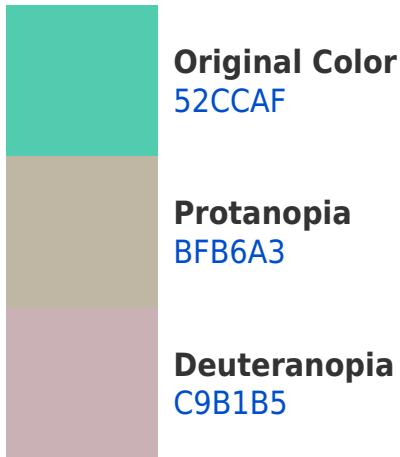


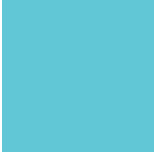
This preview shows how white text looks on a background with the Hex color 52CCAF.

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](#).

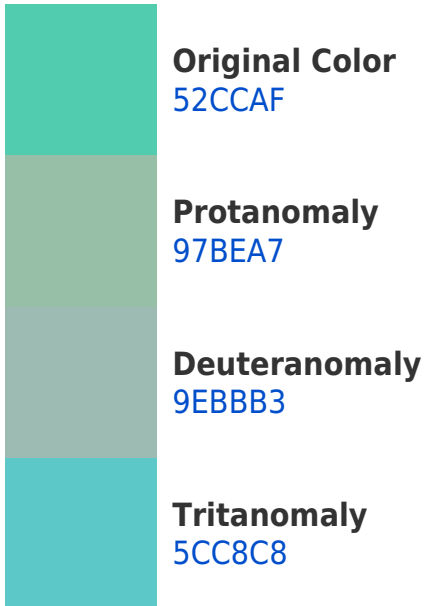
Dichromacy



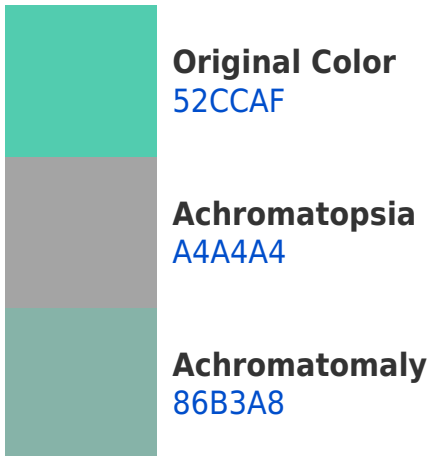


Tritanopia
61C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 52CCAF 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 #52CCAF looks like.

```
.text, #text, p{  
    color:#52CCAF  
}
```

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 #52CCAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52CCAF  
}
```

Border

The CSS property to change the border of an element to Hex 52CCAF 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  
#52CCAF }
```

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

```
.border{ border-color:#52CCAF }
```

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

Here you see how a box with a 4 pixel #52CCAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52CCAF; -webkit-box-shadow:4px 4px  
4px 4px #52CCAF; box-shadow:4px 4px 4px  
4px #52CCAF }
```

Background

The CSS property to change the background color of an element to Hex 52CCAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52CCAF }
```

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

```
.background{ background-color:#52CCAF }
```

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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