

Converting Colors

Hex(52CCCC)

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

Hex(52CCCC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(52CCCC)

Conversions

Conversions Part 1

Format	Color
Hex	52CCCC
RGB	82, 204, 204
RGB Percent	32%, 80%, 80%
CMY	0.6784, 0.2000, 0.2000
CMYK	0.60, 0.00, 0.00, 0.20
HSL	180°, 54%, 56%
HSV	180°, 60%, 80%
XYZ	35.9716, 49.3392, 64.7543
YIQ	167.5220, -72.7120, -25.8640

Conversions

Conversions Part 2

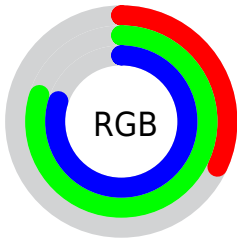
Format	Color
RYB	82, 143, 204
Decimal	5426380
CIELab	75.66, -33.43, -10.15
CIELCh	76, 34.934, 196.894
Yxy	49.3392, 0.2397, 0.3288
Android (android.graphics.Color)	4283616460 (0xFF52CCCC)
YUV	167.5220, 17.9837, -75.0028
Hunter-Lab	70.2419, -31.5115, -5.4887

Details

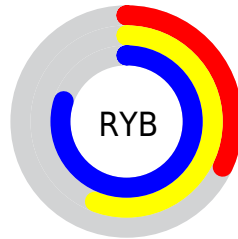
The Hex color **52CCCC** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **CC5252**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **90FFFF**, and **009596** is the 20% darker color. If you saturate the color by 10%, you get **3ECCCC**, and if you desaturate by 10%, it is **66CCCC**.

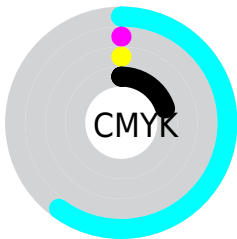
Distribution



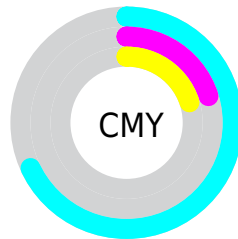
- Red (32%)
- Green (80%)
- Blue (80%)



- Red (32%)
- Yellow (56%)
- Blue (80%)



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



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

Brightness & Saturation Gradients

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

 52CCCC

 52CCCC

FFFFFF

 2EB0B1

 90FFFF

 009596

 AEFFFF

 007B7C

 CCFFFF

 006263

 EAFFFF

 00494B

 003235

 001D20

 000007

 000000

52CCCC

52CCCC

3ECCCC

66CCCC

29CCCC

7BCCCC

15CCCC

8FCCCC

00CCCC

A4CCCC

B8CCCC

CCCCCC

E1CCCC

F5CCCC

FFCCCC

Harmonies

Analogous

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



73CBAB



52CCCC



51C9E8

Triad

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



52CCCC



D5ACE7



DDB47C

Complementary

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



52CCCC



CC5252

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.



F3A98D



52CCCC



F1A4CA

Square

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



52CCCC



ABB7F8



FBA3A9



BEBE7C

Rectangle

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



52CCCC



69C5F5



FBA3A9



E6B080

Sweetspot

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



52CCCC



D1FFFF



52CC52



638080



000000



808080

Same Dimension

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



52CCCC



47FFFF



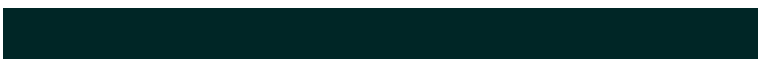
528FCC



5C6666



00A6A6



002626

Inverse Universe

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



CC52CC



FF47FF



CC8F52



665C66



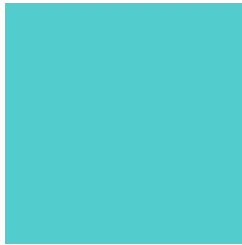
A600A6



260026

Previews

White Background



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

Color Contrast Check

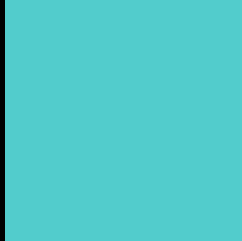
Large Text (above 18pt) WCAG AA × Fail

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 52CCCC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

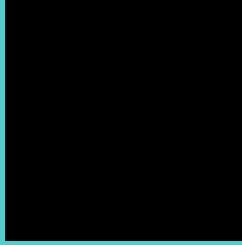
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

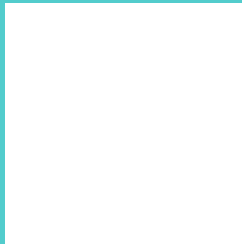
Any Text WCAG AAA ✓ Pass

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

Hex 52CCCC Background



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

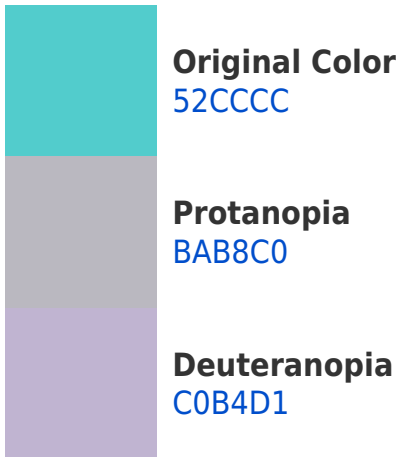


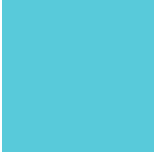
This preview shows how white text looks on a background with the Hex color 52CCCC.

Color Blindness Simulation

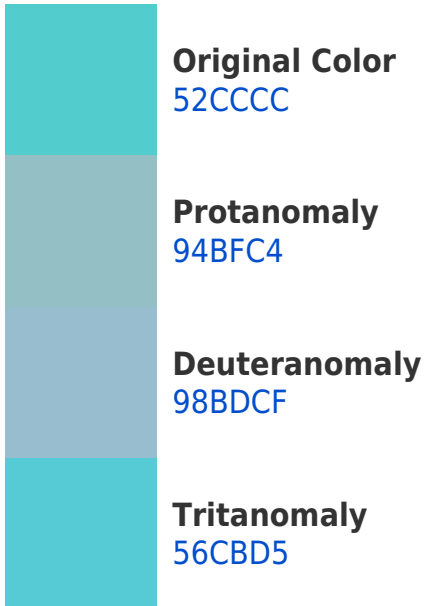
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

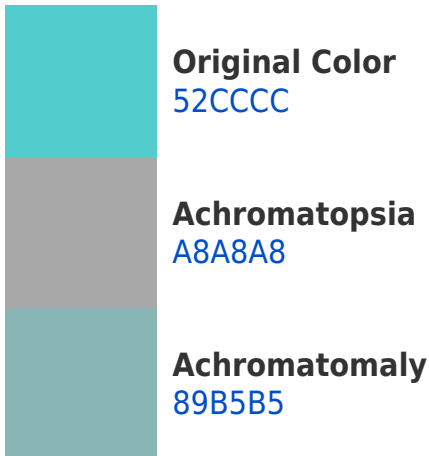




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #52CCCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor