

Converting Colors

Hex(5CC3DA)

Have a look what the booklet for
Hex(5CC3DA) contains.

Hex(5CC3DA)	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(5CC3DA)

Conversions

Conversions Part 1

Format	Color
Hex	5CC3DA
RGB	92, 195, 218
RGB Percent	36%, 76%, 85%
CMY	0.6392, 0.2353, 0.1451
CMYK	0.58, 0.11, 0.00, 0.15
HSL	191°, 63%, 61%
HSV	191°, 58%, 85%
XYZ	36.5836, 46.3675, 73.3513
YIQ	166.8250, -68.7710, -14.6830

Conversions

Conversions Part 2

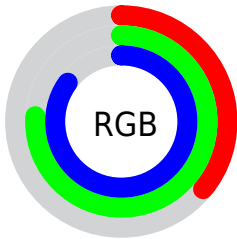
Format	Color
R _Y B	92, 149, 218
Decimal	6079450
CIE Lab	73.78, -23.29, -20.53
CIE LCh	74, 31.044, 221.393
Yxy	46.3675, 0.2341, 0.2967
Android (android.graphics.Color)	4284269530 (0xFF5CC3DA)
YUV	166.8250, 25.2293, -65.6215
Hunter-Lab	68.0937, -23.2640, -16.2023

Details

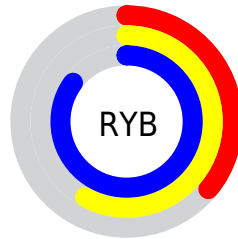
The Hex color **5CC3DA** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **DA735C**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **98FCFF**, and **088DA3** is the 20% darker color. If you saturate the color by 10%, you get **46BFDA**, and if you desaturate by 10%, it is **72C7DA**.

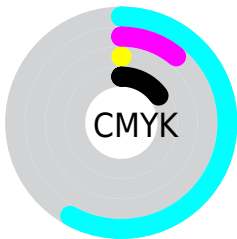
Distribution



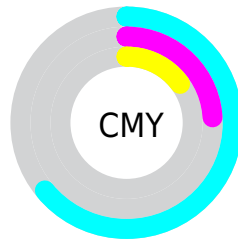
- Red (36%)
- Green (76%)
- Blue (85%)



- Red (36%)
- Yellow (58%)
- Blue (85%)



- Cyan (58%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (64%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CC3DA 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 5CC3DA by changing the saturation by 10% instead.

5CC3DA

5CC3DA

FFFFFF

3BA8BE

98FCFF

088DA3

B6FFFF

007389

D3FFFF

005B6F

F2FFFF

004357

002C3F

001729

000115

000000

■ 5CC3DA

■ 5CC3DA

■ 46BFDA

■ 72C7DA

■ 30BBDA

■ 88CBDA

■ 1BB7DA

■ 9DCFDA

■ 05B3DA

■ B3D3DA

■ 00B2DA

■ C9D7DA

■ DFDBDA

■ F5DFDA

■ FFE3DA

■ FFE7DA

Harmonies

Analogous

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



62C5C0



5CC3DA



77BDEB

Triad

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



5CC3DA



E2A2C8



BFB77D

Complementary

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



5CC3DA



DA735C

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.



D9AD80



5CC3DA



EEA0AB

Square

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



5CC3DA



C7AAE0



EAA591



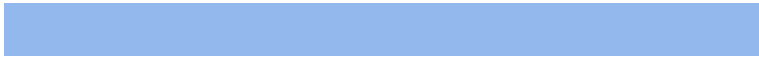
9FBF8A

Rectangle

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



5CC3DA



92B8EE



EAA591



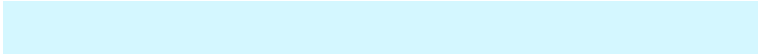
C8B47C

Sweetspot

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



5CC3DA



D4F7FF



5CDA71



667B80



000000



808080

Same Dimension

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



5CC3DA



4FDFFF



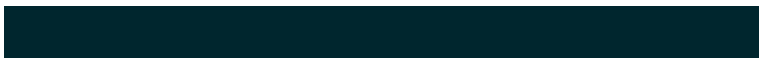
5C86DA



636C6E



008EAD



00262E

Inverse Universe

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



DA5CC3



FF4FDF



DAB05C



6E636C



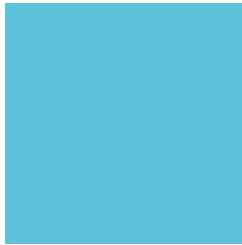
AD008E



2E0026

Previews

White Background



This preview shows how the Hex color 5CC3DA looks on a white background.

Color Contrast Check

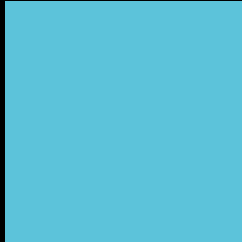
Large Text (above 18pt) WCAG AA × Fail

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 5CC3DA 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 5CC3DA Background



This preview shows how black text looks on a background with the Hex color 5CC3DA.

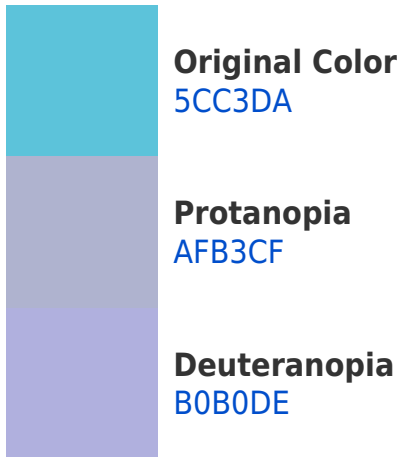


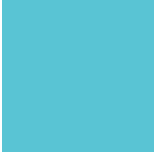
This preview shows how white text looks on a background with the Hex color 5CC3DA.

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](#).

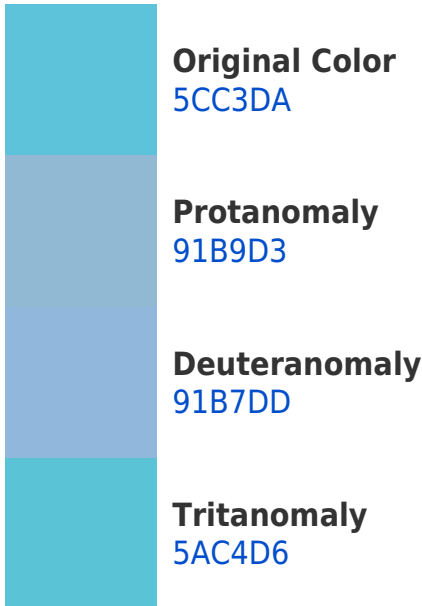
Dichromacy



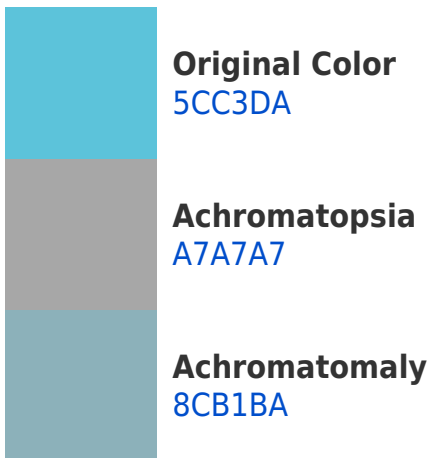


Tritanopia
59C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5CC3DA 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 #5CC3DA looks like.

```
.text, #text, p{  
    color:#5CC3DA  
}
```

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 #5CC3DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CC3DA
}
```

Border

The CSS property to change the border of an element to Hex 5CC3DA 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
#5CC3DA }
```

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

```
.border{ border-color:#5CC3DA }
```

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

Here you see how a box with a 4 pixel #5CC3DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CC3DA; -webkit-box-shadow:4px 4px  
4px 4px #5CC3DA; box-shadow:4px 4px 4px  
4px #5CC3DA }
```

Background

The CSS property to change the background color of an element to Hex 5CC3DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CC3DA }
```

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

```
.background{ background-color:#5CC3DA }
```

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