

Converting Colors

Hex(53C2D9)

Have a look what the booklet for
Hex(53C2D9) contains.

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Color

Hex(53C2D9)

Conversions

Conversions Part 1

Format	Color
Hex	53C2D9
RGB	83, 194, 217
RGB Percent	33%, 76%, 85%
CMY	0.6745, 0.2392, 0.1490
CMYK	0.62, 0.11, 0.00, 0.15
HSL	190°, 64%, 59%
HSV	190°, 62%, 85%
XYZ	35.3835, 45.4323, 72.5501
YIQ	163.4330, -73.5390, -16.3790

Conversions

Conversions Part 2

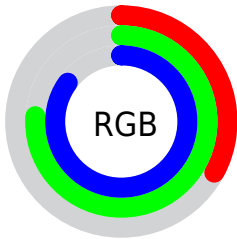
Format	Color
RYB	83, 144, 217
Decimal	5489369
CIELab	73.18, -24.69, -20.93
CIElCh	73, 32.371, 220.292
Yxy	45.4323, 0.2307, 0.2962
Android (android.graphics.Color)	4283679449 (0xFF53C2D9)
YUV	163.4330, 26.4085, -70.5397
Hunter-Lab	67.4035, -24.2526, -16.6346

Details

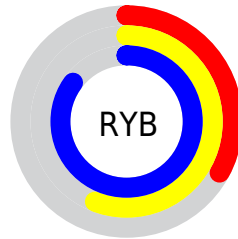
The Hex color **53C2D9** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D96A53**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **91FBFF**, and **008CA2** is the 20% darker color. If you saturate the color by 10%, you get **3DBED9**, and if you desaturate by 10%, it is **69C6D9**.

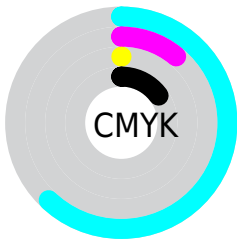
Distribution



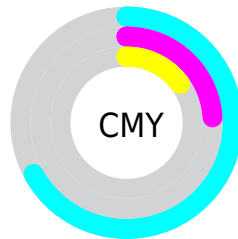
- Red (33%)
- Green (76%)
- Blue (85%)



- Red (33%)
- Yellow (56%)
- Blue (85%)



- Cyan (62%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (67%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53C2D9 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 53C2D9 by changing the saturation by 10% instead.

 53C2D9

 53C2D9

FFFFFF

 2FA7BD

 91FBFF

 008CA2

 AFFFFFF

 007288

 CDFFFF

 005A6E

 EBFFFF

 004256

 002B3F

 001529

 000114

 000000

■ 53C2D9

■ 53C2D9

■ 3DBED9

■ 69C6D9

■ 28BBD9

■ 7EC9D9

■ 12B7D9

■ 94CDD9

■ 00B4D9

■ AAD1D9

■ C0D5D9

■ D5D8D9

■ EBDCD9

■ FFE0D9

■ FFE4D9

Harmonies

Analogous

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



5BC4BD



53C2D9



70BCEB

Triad

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



53C2D9



E2A0C8



BEB579

Complementary

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



53C2D9



D96A53

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.



D9AB7C



53C2D9



EE9DAA

Square

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



53C2D9



C5A8E1



EBA28F



9DBD86

Rectangle

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



53C2D9



8DB6EE



EBA28F



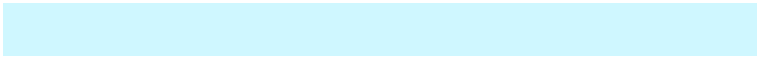
C8B278

Sweetspot

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



53C2D9



CFF7FF



53D969



627A80



000000



808080

Same Dimension

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



53C2D9



42DFFF



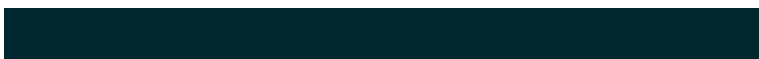
5380D9



636C6E



0090AD



00262E

Inverse Universe

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



D953C2



FF42DF



D9AC53



6E636C



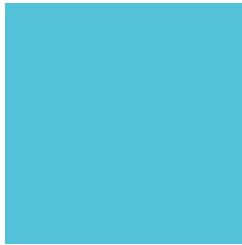
AD0090



2E0026

Previews

White Background



This preview shows how the Hex color 53C2D9 looks on a white background.

Color Contrast Check

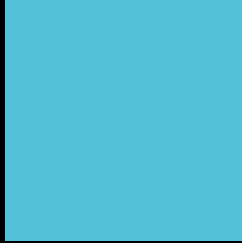
Large Text (above 18pt) WCAG AA × Fail

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 53C2D9 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 53C2D9 Background



This preview shows how black text looks on a background with the Hex color 53C2D9.

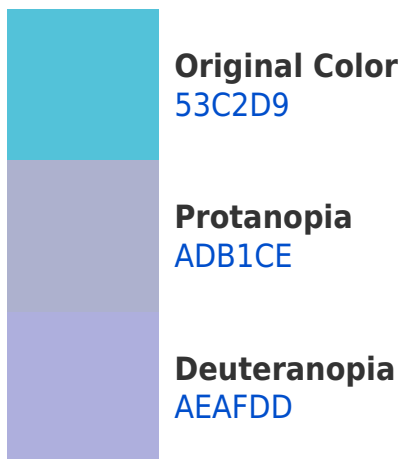


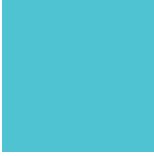
This preview shows how white text looks on a background with the Hex color 53C2D9.

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](#).

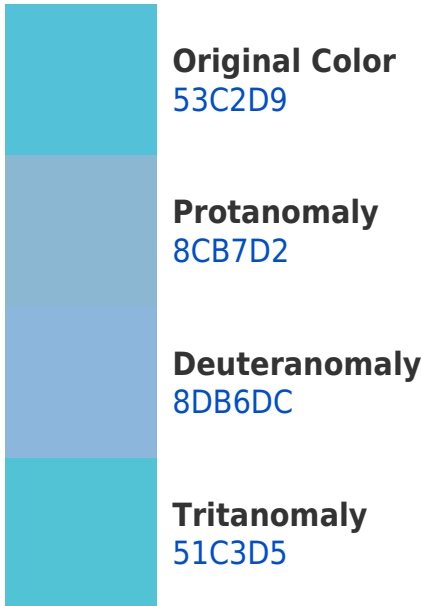
Dichromacy



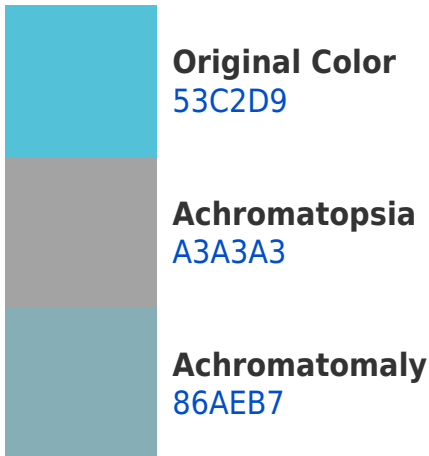


Tritanopia
50C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53C2D9 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 #53C2D9 looks like.

```
.text, #text, p{  
    color:#53C2D9  
}
```

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 #53C2D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53C2D9
}
```

Border

The CSS property to change the border of an element to Hex 53C2D9 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
#53C2D9 }
```

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

```
.border{ border-color:#53C2D9 }
```

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

Here you see how a box with a 4 pixel #53C2D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53C2D9; -webkit-box-shadow:4px 4px  
4px 4px #53C2D9; box-shadow:4px 4px 4px  
4px #53C2D9 }
```

Background

The CSS property to change the background color of an element to Hex 53C2D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53C2D9 }
```

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

```
.background{ background-color:#53C2D9 }
```

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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