

Converting Colors

Hex(52D9D0)

Have a look what the booklet for
Hex(52D9D0) contains.

Hex(52D9D0)	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(52D9D0)

Conversions

Conversions Part 1

Format	Color
Hex	52D9D0
RGB	82, 217, 208
RGB Percent	32%, 85%, 82%
CMY	0.6784, 0.1490, 0.1843
CMYK	0.62, 0.00, 0.04, 0.15
HSL	176°, 64%, 59%
HSV	176°, 62%, 85%
XYZ	39.6777, 55.9736, 68.3873
YIQ	175.6090, -77.5710, -31.4190

Conversions

Conversions Part 2

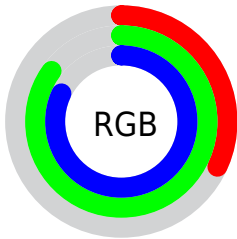
Format	Color
RYB	82, 152, 217
Decimal	5429712
CIELab	79.60, -38.38, -6.45
CIELCh	80, 38.917, 189.544
Yxy	55.9736, 0.2419, 0.3412
Android (android.graphics.Color)	4283619792 (0xFF52D9D0)
YUV	175.6090, 15.9688, -82.0951
Hunter-Lab	74.8155, -36.2614, -1.8249

Details

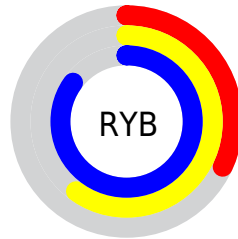
The Hex color **52D9D0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D9525B**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **91FFFF**, and **00A19A** is the 20% darker color. If you saturate the color by 10%, you get **3CD9CF**, and if you desaturate by 10%, it is **68D9D1**.

Distribution



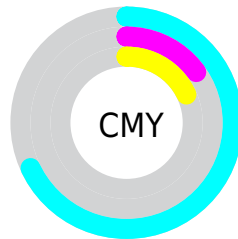
- Red (32%)
- Green (85%)
- Blue (82%)



- Red (32%)
- Yellow (60%)
- Blue (85%)



- Cyan (62%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (68%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52D9D0 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 52D9D0 by changing the saturation by 10% instead.

 52D9D0

 52D9D0

FFFFFF

 2BBDB4

 91FFFF

 00A19A

 B0FFFF

 008780

 CEFFFF

 006D67

 ECFFFF

 00544F

 003C38

 002723

 00010E

 000000

 52D9D0

 52D9D0

 3CD9CF

 68D9D1

 27D9CD

 7DD9D3

 11D9CC

 93D9D4

 00D9CB

 A9D9D6

 BFD9D7

 D4D9D9

 EAD9DA

 FFD9DC

 FFD9DD

Harmonies

Analogous

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



7FD7AB



52D9D0



40D7F2

Triad

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



52D9D0



D9B8FD



F3BA82

Complementary

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



52D9D0



D9525B

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.



FFAF99



52D9D0



FCADDF

Square

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



52D9D0



A5C5FF



FFA9BB



D2C77D

Rectangle

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



52D9D0



58D3FF



FFA9BB



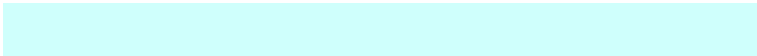
FCB688

Sweetspot

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



52D9D0



CFFFC



5BD952



62807E



000000



808080

Same Dimension

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



52D9D0



40FFF2



529FD9



636E6D



00ADA2



002E2B

Inverse Universe

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



D9525B



FF404C



D98D52



6E6363



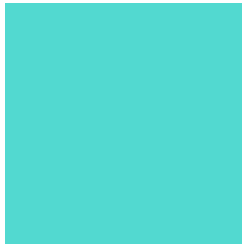
AD000C



2E0003

Previews

White Background



This preview shows how the Hex color 52D9D0 looks on a white background.

Color Contrast Check

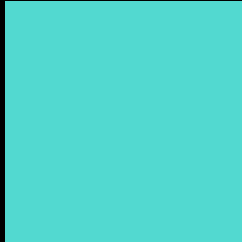
Large Text (above 18pt) WCAG AA × Fail

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 52D9D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

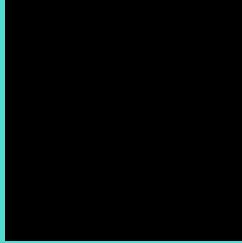
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

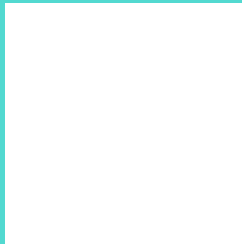
Any Text WCAG AAA ✓ Pass

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

Hex 52D9D0 Background



This preview shows how black text looks on a background with the Hex color 52D9D0.

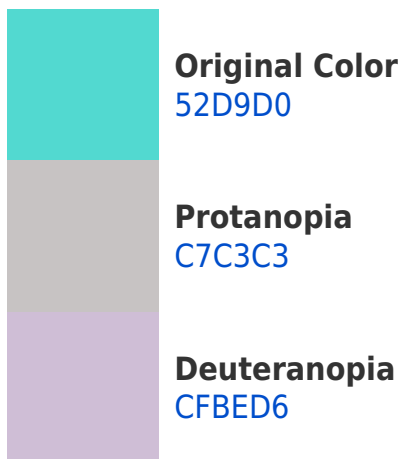


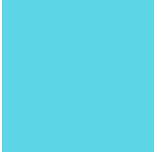
This preview shows how white text looks on a background with the Hex color 52D9D0.

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
5CD6E7

Trichromacy



Original Color
52D9D0



Protanomaly
9CCBC8



Deuteranomaly
A2C8D4

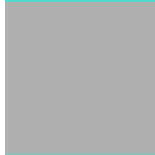


Tritanomaly
58D7DF

Monochromacy



Original Color
52D9D0



Achromatopsia
B0B0B0



Achromatomaly
8EBFBC

CSS Examples

Text

The CSS property to change the color of the text to Hex 52D9D0 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 #52D9D0 looks like.

```
.text, #text, p{  
    color:#52D9D0  
}
```

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 #52D9D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52D9D0
}
```

Border

The CSS property to change the border of an element to Hex 52D9D0 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
#52D9D0 }
```

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

```
.border{ border-color:#52D9D0 }
```

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

Here you see how a box with a 4 pixel #52D9D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52D9D0; -webkit-box-shadow:4px 4px  
4px 4px #52D9D0; box-shadow:4px 4px 4px  
4px #52D9D0 }
```

Background

The CSS property to change the background color of an element to Hex 52D9D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52D9D0 }
```

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

```
.background{ background-color:#52D9D0 }
```

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