

Converting Colors

Hex(52D7D7)

Have a look what the booklet for
Hex(52D7D7) contains.

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Color

Hex(52D7D7)

Conversions

Conversions Part 1

Format	Color
Hex	52D7D7
RGB	82, 215, 215
RGB Percent	32%, 84%, 84%
CMY	0.6784, 0.1569, 0.1569
CMYK	0.62, 0.00, 0.00, 0.16
HSL	180°, 62%, 58%
HSV	180°, 62%, 84%
XYZ	40.0459, 55.3010, 72.8535
YIQ	175.2330, -79.2680, -28.1960

Conversions

Conversions Part 2

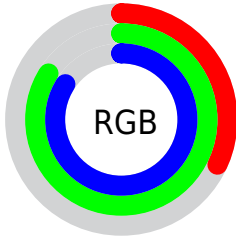
Format	Color
RYB	82, 149, 215
Decimal	5429207
CIELab	79.21, -35.57, -10.77
CIELCh	79, 37.163, 196.839
Yxy	55.3010, 0.2381, 0.3288
Android (android.graphics.Color)	4283619287 (0xFF52D7D7)
YUV	175.2330, 19.6051, -81.7653
Hunter-Lab	74.3647, -34.0147, -6.0299

Details

The Hex color **52D7D7** 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 **D75252**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **92FFFF**, and **00A0A0** is the 20% darker color. If you saturate the color by 10%, you get **3DD7D7**, and if you desaturate by 10%, it is **68D7D7**.

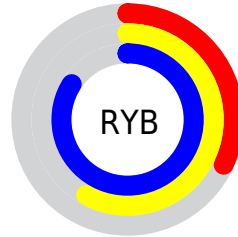
Distribution



Red (32%)

Green (84%)

Blue (84%)



Red (32%)

Yellow (58%)

Blue (84%)

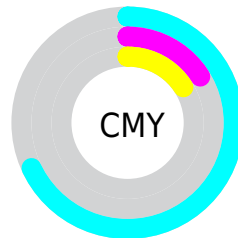


Cyan (62%)

Magenta (0%)

Yellow (0%)

Black (16%)



Cyan (68%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52D7D7 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 52D7D7 by changing the saturation by 10% instead.

 52D7D7

 52D7D7

FFFFFF

 2BBBBB

 92FFFF

 00A0A0

 B0FFFF

 008586

 CEFFFF

 006B6D

 EDFFFF

 005255

 003A3E

 002628

 000114

 000000

■ 52D7D7

■ 52D7D7

■ 3DD7D7

■ 68D7D7

■ 27D7D7

■ 7DD7D7

■ 12D7D7

■ 93D7D7

■ 00D7D7

■ A8D7D7

■ BED7D7

■ D3D7D7

■ E9D7D7

■ FED7D7

■ FFD7D7

Harmonies

Analogous

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



77D6B3



52D7D7



50D4F6

Triad

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



52D7D7



E1B4F4



E9BD81

Complementary

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



52D7D7



D75252

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.



FFB193



52D7D7



FFACD5

Square

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



52D7D7



B3C1FF



FFAAB2



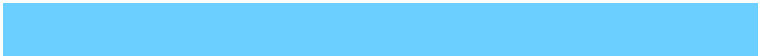
C8C881

Rectangle

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



52D7D7



6BCFFF



FFAAB2



F3B985

Sweetspot

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



52D7D7



CFFFFFF



52D752



628080



000000



808080

Same Dimension

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



52D7D7



42FFFF



5295D7



606B6B



00ABAB



002B2B

Inverse Universe

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



D752D7



FF42FF



D79552



6B606B



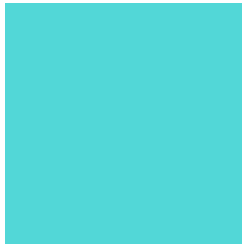
AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color 52D7D7 looks on a white background.

Color Contrast Check

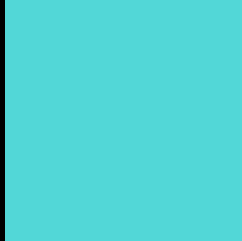
Large Text (above 18pt) WCAG AA × Fail

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 52D7D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

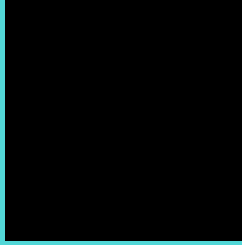
Any Text WCAG AA ✓ Pass

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 52D7D7 Background



This preview shows how black text looks on a background with the Hex color 52D7D7.

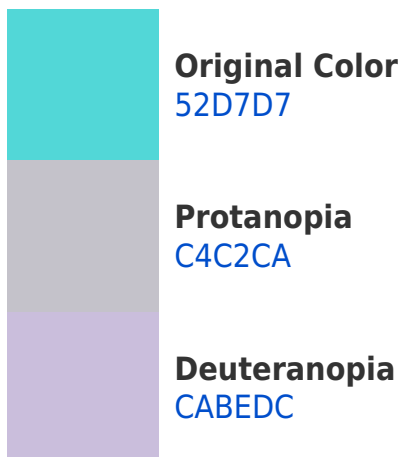


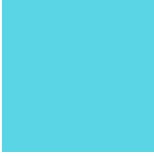
This preview shows how white text looks on a background with the Hex color 52D7D7.

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
59D5E6

Trichromacy



Original Color
52D7D7



Protanomaly
9BCACF



Deuteranomaly
9EC7DA

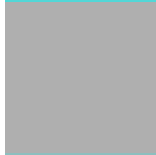


Tritanomaly
56D6E1

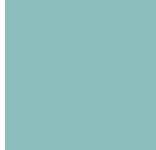
Monochromacy



Original Color
52D7D7



Achromatopsia
AFAFAF



Achromatomaly
8DBEBE

CSS Examples

Text

The CSS property to change the color of the text to Hex 52D7D7 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 #52D7D7 looks like.

```
.text, #text, p{  
    color:#52D7D7  
}
```

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 #52D7D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52D7D7
}
```

Border

The CSS property to change the border of an element to Hex 52D7D7 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
#52D7D7 }
```

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

```
.border{ border-color:#52D7D7 }
```

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

Here you see how a box with a 4 pixel #52D7D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52D7D7; -webkit-box-shadow:4px 4px  
4px 4px #52D7D7; box-shadow:4px 4px 4px  
4px #52D7D7 }
```

Background

The CSS property to change the background color of an element to Hex 52D7D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52D7D7 }
```

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

```
.background{ background-color:#52D7D7 }
```

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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