

Converting Colors

Hex(52D7CB)

Have a look what the booklet for
Hex(52D7CB) contains.

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Color

Hex(52D7CB)

Conversions

Conversions Part 1

Format	Color
Hex	52D7CB
RGB	82, 215, 203
RGB Percent	32%, 84%, 80%
CMY	0.6784, 0.1569, 0.2039
CMYK	0.62, 0.00, 0.06, 0.16
HSL	175°, 62%, 58%
HSV	175°, 62%, 84%
XYZ	38.5596, 54.7065, 65.0270
YIQ	173.8650, -75.4160, -31.9280

Conversions

Conversions Part 2

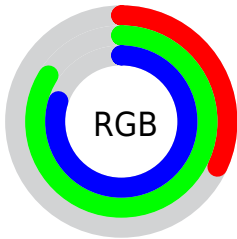
Format	Color
R _Y B	82, 152, 215
Decimal	5429195
CIE Lab	78.87, -38.79, -4.85
CIE LCh	79, 39.091, 187.132
Yxy	54.7065, 0.2436, 0.3456
Android (android.graphics.Color)	4283619275 (0xFF52D7CB)
YUV	173.8650, 14.3636, -80.5656
Hunter-Lab	73.9639, -36.3793, -0.3515

Details

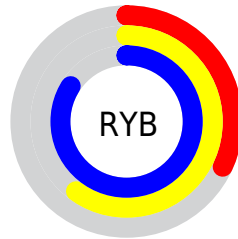
The Hex color **52D7CB** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D7525E**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **91FFFF**, and **00A095** is the 20% darker color. If you saturate the color by 10%, you get **3DD7C9**, and if you desaturate by 10%, it is **68D7CD**.

Distribution



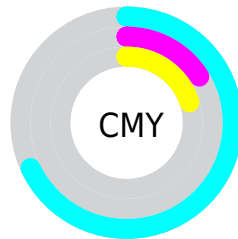
- Red (32%)
- Green (84%)
- Blue (80%)



- Red (32%)
- Yellow (60%)
- Blue (84%)



- Cyan (62%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (68%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52D7CB 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 52D7CB by changing the saturation by 10% instead.

 52D7CB

FFFFFF

 91FFFF

 AFFFFFF

 CDFFFF

 ECFFFF

 52D7CB

 2CBBB0

 00A095

 00857B

 006B62

 00524B

 003A34

 00261F

 000007

 000000

 52D7CB

 52D7CB

 3DD7C9

 68D7CD

 27D7C7

 7DD7CF

 12D7C5

 93D7D1

 00D7C4

 A8D7D3

 BED7D5

 D3D7D7

 E9D7D9

 FED7DB

 FFD7DC

Harmonies

Analogous

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



80D5A6



52D7CB



3AD5EE

Triad

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



52D7CB



D3B7FD



F3B781

Complementary

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



52D7CB



D7525E

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.



FFAC99



52D7CB



F8ABE0

Square

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



52D7CB



9EC4FF



FFA7BC



D3C47A

Rectangle

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



52D7CB



50D1FF



FFA7BC



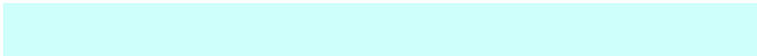
FBB387

Sweetspot

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



52D7CB



CFFFFB



5FD752



62807D



000000



808080

Same Dimension

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



52D7CB



42FFEE



52A2D7



606B6A



00AB9B



002B27

Inverse Universe

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



D7525E



FF4253



D78752



6B6061



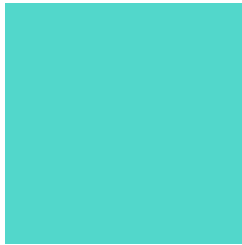
AB000F



2B0004

Previews

White Background



This preview shows how the Hex color 52D7CB looks on a white background.

Color Contrast Check

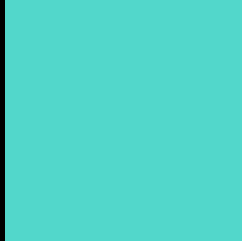
Large Text (above 18pt) WCAG AA × Fail

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 52D7CB 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

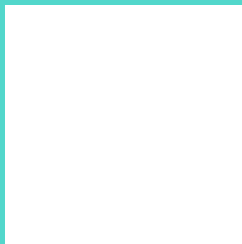
Any Text WCAG AAA ✓ Pass

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

Hex 52D7CB Background



This preview shows how black text looks on a background with the Hex color 52D7CB.

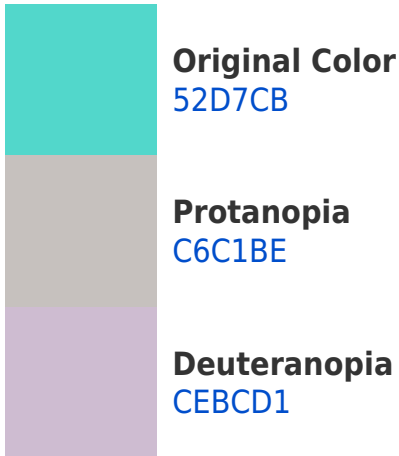


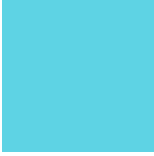
This preview shows how white text looks on a background with the Hex color 52D7CB.

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
5DD3E4

Trichromacy



Original Color
52D7CB



Protanomaly
9CC9C3



Deuteranomaly
A1C6CF

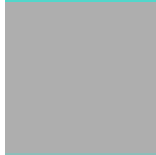


Tritanomaly
59D4DB

Monochromacy



Original Color
52D7CB



Achromatopsia
AEAEAE



Achromatomaly
8DBDB9

CSS Examples

Text

The CSS property to change the color of the text to Hex 52D7CB 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 #52D7CB looks like.

```
.text, #text, p{  
    color:#52D7CB  
}
```

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 #52D7CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52D7CB
}
```

Border

The CSS property to change the border of an element to Hex 52D7CB 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
#52D7CB }
```

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

```
.border{ border-color:#52D7CB }
```

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

Here you see how a box with a 4 pixel #52D7CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52D7CB; -webkit-box-shadow:4px 4px  
4px 4px #52D7CB; box-shadow:4px 4px 4px  
4px #52D7CB }
```

Background

The CSS property to change the background color of an element to Hex 52D7CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52D7CB }
```

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

```
.background{ background-color:#52D7CB }
```

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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