

Converting Colors

Hex(52CBAD)

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

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Color

Hex(52CBAD)

Conversions

Conversions Part 1

Format	Color
Hex	52CBAD
RGB	82, 203, 173
RGB Percent	32%, 80%, 68%
CMY	0.6784, 0.2039, 0.3216
CMYK	0.60, 0.00, 0.15, 0.20
HSL	165°, 54%, 56%
HSV	165°, 60%, 80%
XYZ	32.3784, 47.5228, 47.0015
YIQ	163.4010, -62.4860, -34.9820

Conversions

Conversions Part 2

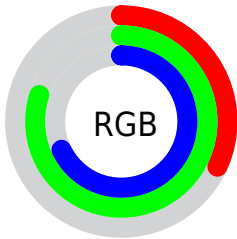
Format	Color
RYB	82, 151, 203
Decimal	5426093
CIELab	74.52, -40.98, 4.92
CIElCh	75, 41.278, 173.152
Yxy	47.5228, 0.2551, 0.3745
Android (android.graphics.Color)	4283616173 (0xFF52CBAD)
YUV	163.4010, 4.7323, -71.3887
Hunter-Lab	68.9368, -36.8010, 7.8315

Details

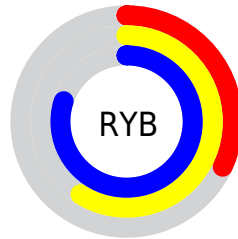
The Hex color **52CBAD** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **CB5270**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **8EFFE4**, and **009479** is the 20% darker color. If you saturate the color by 10%, you get **3ECBA8**, and if you desaturate by 10%, it is **66CBB2**.

Distribution



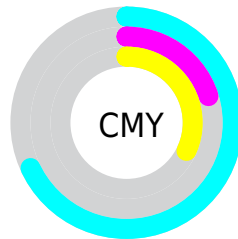
- Red (32%)
- Green (80%)
- Blue (68%)



- Red (32%)
- Yellow (59%)
- Blue (80%)



- Cyan (60%)
- Magenta (0%)
- Yellow (15%)
- Black (20%)



- Cyan (68%)
- Magenta (20%)
- Yellow (32%)

Brightness & Saturation Gradients

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

 52CBAD

 52CBAD

FFFFFF

 30AF92

 8EFFE4

 009479

 ABFFFF

 007A60

 C9FFFF

 006048

 E7FFFF

 004832

 00301D

 001904

 000000

 52CBAD

 52CBAD

 3ECBA8

 66CBB2

 29CBA3

 7BCBB7

 15CB9E

 8FCBBC

 01CB99

 A3CBC1

 00CB99

 B8CBC6

 CCCBCB

 E0CBD0

 F4CBD5

 FFCBDA

Harmonies

Analogous

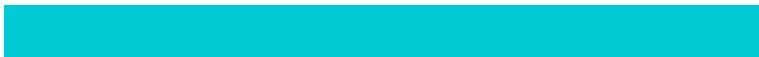
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86C788



52CBAD



00CBD4

Triad

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



52CBAD



AFB1FD



F4A57C

Complementary

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



52CBAD



CB5270

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.



FF9B9B



52CBAD



DFA3E5

Square

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



52CBAD



6FBEFF



FB9AC2



D8B26B

Rectangle

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



52CBAD



00C9EA



FB9AC2



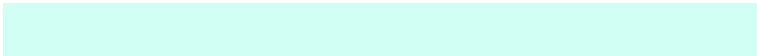
FAA185

Sweetspot

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



52CBAD



D1FFF4



70CB52



638079



000000



808080

Same Dimension

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



52CBAD



47FFD1



52ADCB



5C6663



00A67D



00261D

Inverse Universe

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



CB5270



FF4775



CB7052



665C5E



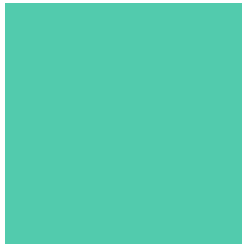
A60029



260009

Previews

White Background



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

Color Contrast Check

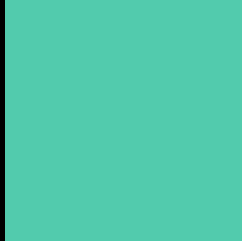
Large Text (above 18pt) WCAG AA × Fail

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 52CBAD 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 52CBAD Background



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



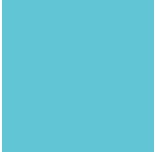
This preview shows how white text looks on a background with the Hex color 52CBAD.

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
61C5D5

Trichromacy



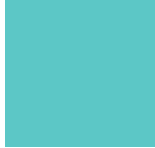
Original Color
52CBAD



Protanomaly
97BDA6



Deuteranomaly
9EBAB1



Tritanomaly
5CC7C6

Monochromacy



Original Color
52CBAD



Achromatopsia
A3A3A3



Achromatomaly
86B2A7

CSS Examples

Text

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

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

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 #52CBAD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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