

Converting Colors

Hex(52D8AB)

Have a look what the booklet for
Hex(52D8AB) contains.

Hex(52D8AB)	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(52D8AB)

Conversions

Conversions Part 1

Format	Color
Hex	52D8AB
RGB	82, 216, 171
RGB Percent	32%, 85%, 67%
CMY	0.6784, 0.1529, 0.3294
CMYK	0.62, 0.00, 0.21, 0.15
HSL	160°, 63%, 58%
HSV	160°, 62%, 85%
XYZ	35.3862, 53.8458, 47.0563
YIQ	170.8040, -65.4190, -42.4030

Conversions

Conversions Part 2

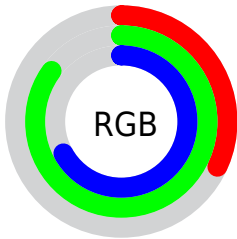
Format	Color
RYB	82, 163, 216
Decimal	5429419
CIELab	78.37, -47.08, 11.50
CIELCh	78, 48.463, 166.274
Yxy	53.8458, 0.2596, 0.3951
Android (android.graphics.Color)	4283619499 (0xFF52D8AB)
YUV	170.8040, 0.0966, -77.8811
Hunter-Lab	73.3797, -42.3357, 13.3448

Details

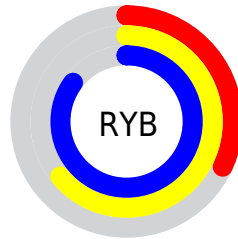
The Hex color **52D8AB** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D8527F**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **8FFFE2**, and **00A077** is the 20% darker color. If you saturate the color by 10%, you get **3CD8A4**, and if you desaturate by 10%, it is **68D8B2**.

Distribution



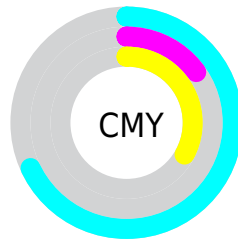
- Red (32%)
- Green (85%)
- Blue (67%)



- Red (32%)
- Yellow (64%)
- Blue (85%)



- Cyan (62%)
- Magenta (0%)
- Yellow (21%)
- Black (15%)



- Cyan (68%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52D8AB 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 52D8AB by changing the saturation by 10% instead.

 52D8AB

 52D8AB

FFFFFF

 2EBC90

 8FFFE2

 00A077

 ADFFFF

 00855E

 CBFFFF

 006B46

 E9FFFF

 005230

 003A1B

 002401

 000000

 52D8AB

 52D8AB

 3CD8A4

 68D8B2

 27D89C

 7DD8BA

 11D895

 93D8C1

 00D88F

 A8D8C8

 BED8CF

 D4D8D7

 E9D8DE

 FFD8E5

 FFD8EC

Harmonies

Analogous

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



93D282



52D8AB



00D9DA

Triad

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



52D8AB



A6BEFF



FFA883

Complementary

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



52D8AB



D8527F

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.



FF9EAB



52D8AB



E5ADFF

Square

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



52D8AB



49CDFE



FFA0D9



F0B86A

Rectangle

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



52D8AB



00D8F6



FFA0D9



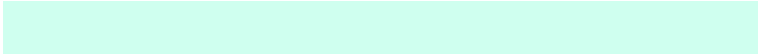
FFA48F

Sweetspot

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



52D8AB



CFFFEF



81D852



628076



000000



808080

Same Dimension

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



52D8AB



42FFC0



52C4D8



606B68



00AB71



002B1D

Inverse Universe

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



D8527F



FF4282



D86652



6B6064



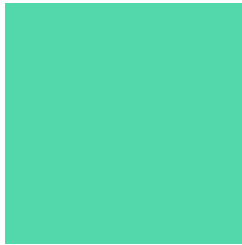
AB0039



2B000F

Previews

White Background



This preview shows how the Hex color 52D8AB 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 52D8AB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

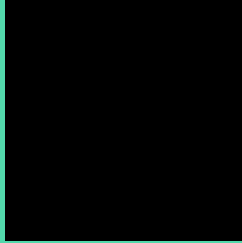
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

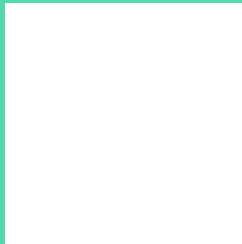
Any Text WCAG AAA ✓ Pass

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

Hex 52D8AB Background



This preview shows how black text looks on a background with the Hex color 52D8AB.

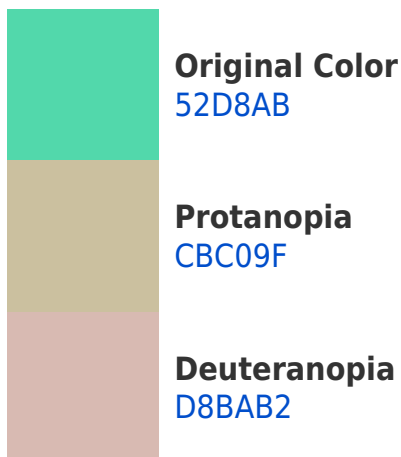


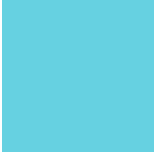
This preview shows how white text looks on a background with the Hex color 52D8AB.

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
66D1E1

Trichromacy



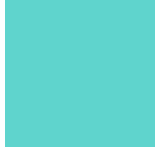
Original Color
52D8AB



Protanomaly
9FC9A3



Deuteranomaly
A7C5AF



Tritanomaly
5FD4CD

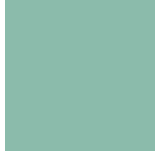
Monochromacy



Original Color
52D8AB



Achromatopsia
ABABAB



Achromatomaly
8BBBAB

CSS Examples

Text

The CSS property to change the color of the text to Hex 52D8AB 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 #52D8AB looks like.

```
.text, #text, p{  
    color:#52D8AB  
}
```

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 #52D8AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52D8AB  
}
```

Border

The CSS property to change the border of an element to Hex 52D8AB 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  
#52D8AB }
```

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

```
.border{ border-color:#52D8AB }
```

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

Here you see how a box with a 4 pixel #52D8AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52D8AB; -webkit-box-shadow:4px 4px  
4px 4px #52D8AB; box-shadow:4px 4px 4px  
4px #52D8AB }
```

Background

The CSS property to change the background color of an element to Hex 52D8AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52D8AB }
```

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

```
.background{ background-color:#52D8AB }
```

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