

Converting Colors

Hex(52B6AB)

Have a look what the booklet for
Hex(52B6AB) contains.

Hex(52B6AB)	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(52B6AB)

Conversions

Conversions Part 1

Format	Color
Hex	52B6AB
RGB	82, 182, 171
RGB Percent	32%, 71%, 67%
CMY	0.6784, 0.2863, 0.3294
CMYK	0.55, 0.00, 0.06, 0.29
HSL	173°, 41%, 52%
HSV	173°, 55%, 71%
XYZ	27.5583, 38.1900, 44.4470
YIQ	150.8460, -56.0690, -24.6210

Conversions

Conversions Part 2

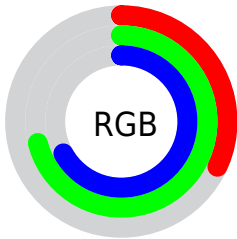
Format	Color
RYB	82, 135, 182
Decimal	5420715
CIELab	68.16, -31.83, -3.26
CIELCh	68, 31.993, 185.845
Yxy	38.1900, 0.2501, 0.3466
Android (android.graphics.Color)	4283610795 (0xFF52B6AB)
YUV	150.8460, 9.9359, -60.3779
Hunter-Lab	61.7981, -28.5461, 0.6155

Details

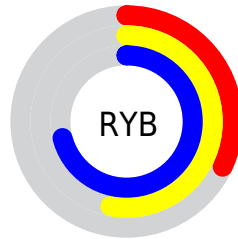
The Hex color **52B6AB** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B6525D**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **8CEEE2**, and **038177** is the 20% darker color. If you saturate the color by 10%, you get **40B6A9**, and if you desaturate by 10%, it is **64B6AD**.

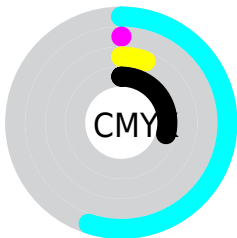
Distribution



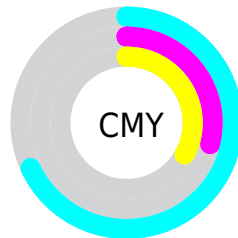
- Red (32%)
- Green (71%)
- Blue (67%)



- Red (32%)
- Yellow (53%)
- Blue (71%)



- Cyan (55%)
- Magenta (0%)
- Yellow (6%)
- Black (29%)



- Cyan (68%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52B6AB 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 52B6AB by changing the saturation by 10% instead.

 52B6AB

 52B6AB

FFFFFF

 339B91

 8CEEE2

 038177

 A8FFFF

 00675E

 C5FFFF

 004E47

 E3FFFF

 003730

 00231B

 000000

 52B6AB

 52B6AB

 40B6A9

 64B6AD

■ 2EB6A7

■ 76B6AF

■ 1BB6A5

■ 89B6B1

■ 09B6A3

■ 9BB6B3

■ 00B6A2

■ ADB6B5

■ BFB6B7

■ D1B6B9

■ E4B6BB

■ F6B6BD

Harmonies

Analogous

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



73B48E



52B6AB



43B5C7

Triad

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



52B6AB



B19DD5



CE9C72

Complementary

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



52B6AB



B6525D

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.



DD9486



52B6AB



D094BE

Square

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



52B6AB



88A7DF



DE90A1



B4A66C

Rectangle

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



52B6AB



50B2D5



DE90A1



D49977

Sweetspot

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



52B6AB



C7EDE9



5EB652



617875



F7F7F7



787878

Same Dimension

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



52B6AB



51EDDC



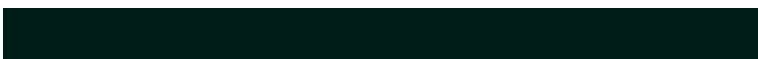
5290B6



535C5B



009C8A



001C19

Inverse Universe

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



B6525D



ED5162



B67852



5C5354



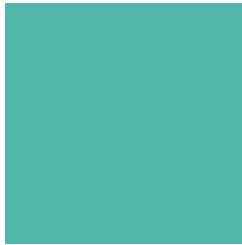
9C0011



1C0003

Previews

White Background



This preview shows how the Hex color 52B6AB 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 52B6AB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

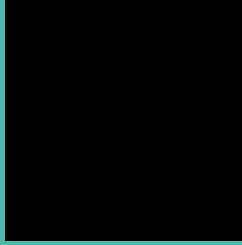
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

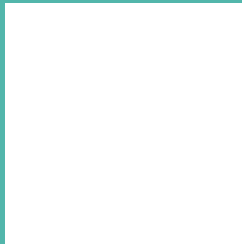
Any Text WCAG AAA ✓ Pass

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

Hex 52B6AB Background



This preview shows how black text looks on a background with the Hex color 52B6AB.

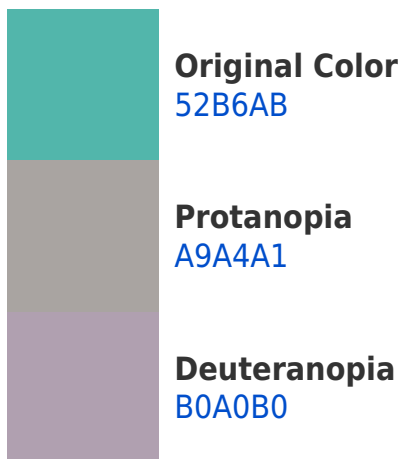


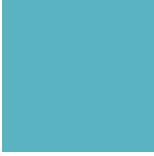
This preview shows how white text looks on a background with the Hex color 52B6AB.

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
5AB3C1

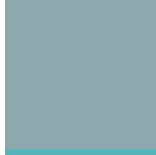
Trichromacy



Original Color
52B6AB



Protanomaly
89ABA5



Deuteranomaly
8EA8AE



Tritanomaly
57B4B9

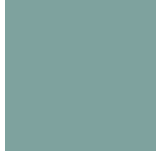
Monochromacy



Original Color
52B6AB



Achromatopsia
979797



Achromatomaly
7EA29E

CSS Examples

Text

The CSS property to change the color of the text to Hex 52B6AB 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 #52B6AB looks like.

```
.text, #text, p{  
    color:#52B6AB  
}
```

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 #52B6AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52B6AB
}
```

Border

The CSS property to change the border of an element to Hex 52B6AB 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
#52B6AB }
```

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

```
.border{ border-color:#52B6AB }
```

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

Here you see how a box with a 4 pixel #52B6AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52B6AB; -webkit-box-shadow:4px 4px  
4px 4px #52B6AB; box-shadow:4px 4px 4px  
4px #52B6AB }
```

Background

The CSS property to change the background color of an element to Hex 52B6AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52B6AB }
```

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

```
.background{ background-color:#52B6AB }
```

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