

Converting Colors

Hex(52B0AE)

Have a look what the booklet for
Hex(52B0AE) contains.

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Color

Hex(52B0AE)

Conversions

Conversions Part 1

Format	Color
Hex	52B0AE
RGB	82, 176, 174
RGB Percent	32%, 69%, 68%
CMY	0.6784, 0.3098, 0.3176
CMYK	0.53, 0.00, 0.01, 0.31
HSL	179°, 37%, 51%
HSV	179°, 53%, 69%
XYZ	26.6450, 35.9005, 45.5695
YIQ	147.6660, -55.3820, -20.5500

Conversions

Conversions Part 2

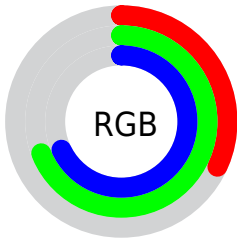
Format	Color
RYB	82, 130, 176
Decimal	5419182
CIELab	66.44, -28.12, -7.46
CIELCh	66, 29.096, 194.849
Yxy	35.9005, 0.2465, 0.3321
Android (android.graphics.Color)	4283609262 (0xFF52B0AE)
YUV	147.6660, 12.9827, -57.5891
Hunter-Lab	59.9170, -25.4762, -3.1508

Details

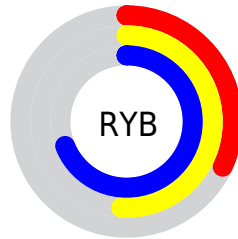
The Hex color **52B0AE** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B05254**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **8BE8E5**, and **067B7A** is the 20% darker color. If you saturate the color by 10%, you get **40B0AE**, and if you desaturate by 10%, it is **64B0AE**.

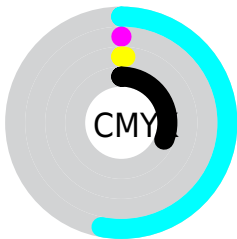
Distribution



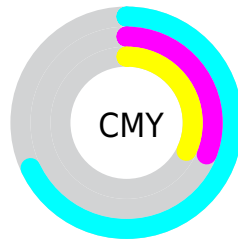
- Red (32%)
- Green (69%)
- Blue (68%)



- Red (32%)
- Yellow (51%)
- Blue (69%)



- Cyan (53%)
- Magenta (0%)
- Yellow (1%)
- Black (31%)



- Cyan (68%)
- Magenta (31%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52B0AE 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 52B0AE by changing the saturation by 10% instead.

 52B0AE

 52B0AE

FFFFFF

 339593

 8BE8E5

 067B7A

 A8FFFF

 006261

 C5FFFF

 004949

 E2FFFF

 003233

 001F1E

 000003

 000000

 52B0AE

 52B0AE

 40B0AE

 64B0AE

 2FB0AD

 75B0AF

 1DB0AD

 87B0AF

 0CB0AD

 98B0AF

 00B0AC

 AAB0B0

 BCB0B0

 CDB0B1

 DFB0B1

 F0B0B1

Harmonies

Analogous

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



6BAF93



52B0AE



50AEC6

Triad

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



52B0AE



B596C7



C09B6F

Complementary

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



52B0AE



B05254

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.



D1937E



52B0AE



CD90B0

Square

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



52B0AE



93A0D4



D68E95



A7A46F

Rectangle

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



52B0AE



60AAD0



D68E95



C79873

Sweetspot

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



52B0AE



C1E6E5



55B052



5D7372



F2F2F2



737373

Same Dimension

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



52B0AE



53E6E2



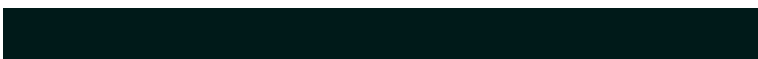
5284B0



505959



009996



001A19

Inverse Universe

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



B05254



E65356



B07E52



595051



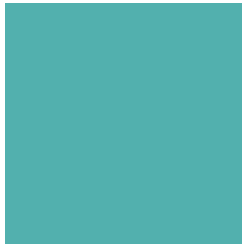
990003



1A0001

Previews

White Background



This preview shows how the Hex color 52B0AE looks on a white background.

Color Contrast Check

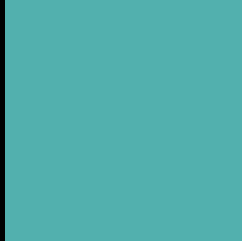
Large Text (above 18pt) WCAG AA × Fail

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 52B0AE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

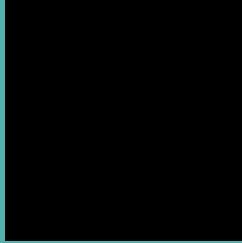
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

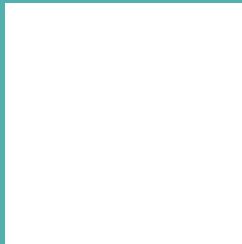
Any Text WCAG AAA ✓ Pass

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

Hex 52B0AE Background



This preview shows how black text looks on a background with the Hex color 52B0AE.

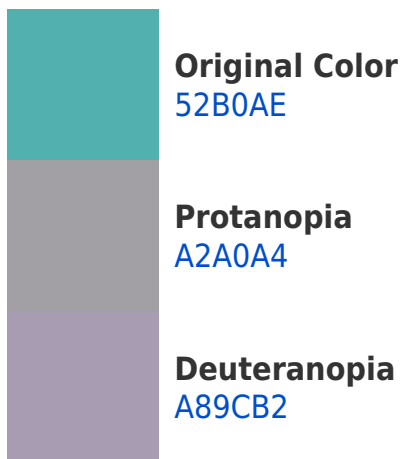


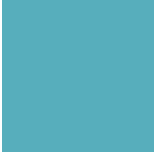
This preview shows how white text looks on a background with the Hex color 52B0AE.

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
57AEB3

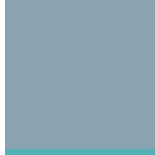
Trichromacy



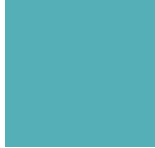
Original Color
52B0AE



Protanomaly
85A6A8



Deuteranomaly
89A3B1



Tritanomaly
55AFB7

Monochromacy



Original Color
52B0AE



Achromatopsia
949494



Achromatomaly
7C9E9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 52B0AE 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 #52B0AE looks like.

```
.text, #text, p{  
    color:#52B0AE  
}
```

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 #52B0AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52B0AE
}
```

Border

The CSS property to change the border of an element to Hex 52B0AE 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
#52B0AE }
```

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

```
.border{ border-color:#52B0AE }
```

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

Here you see how a box with a 4 pixel #52B0AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52B0AE; -webkit-box-shadow:4px 4px  
4px 4px #52B0AE; box-shadow:4px 4px 4px  
4px #52B0AE }
```

Background

The CSS property to change the background color of an element to Hex 52B0AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52B0AE }
```

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

```
.background{ background-color:#52B0AE }
```

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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