

Converting Colors

Hex(52B8A0)

Have a look what the booklet for
Hex(52B8A0) contains.

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Color

Hex(52B8A0)

Conversions

Conversions Part 1

Format	Color
Hex	52B8A0
RGB	82, 184, 160
RGB Percent	32%, 72%, 63%
CMY	0.6784, 0.2784, 0.3725
CMYK	0.55, 0.00, 0.13, 0.28
HSL	166°, 42%, 52%
HSV	166°, 55%, 72%
XYZ	26.9653, 38.6129, 39.2895
YIQ	150.7660, -53.0880, -29.0880

Conversions

Conversions Part 2

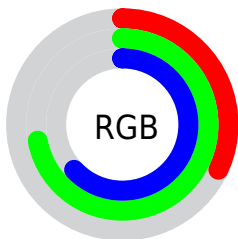
Format	Color
RYB	82, 140, 184
Decimal	5421216
CIELab	68.47, -35.55, 3.25
CIELCh	68, 35.700, 174.775
Yxy	38.6129, 0.2571, 0.3682
Android (android.graphics.Color)	4283611296 (0xFF52B8A0)
YUV	150.7660, 4.5524, -60.3078
Hunter-Lab	62.1393, -31.2837, 6.0095

Details

The Hex color **52B8A0** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B8526A**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **8BF1D7**, and **05826D** is the 20% darker color. If you saturate the color by 10%, you get **40B89C**, and if you desaturate by 10%, it is **64B8A4**.

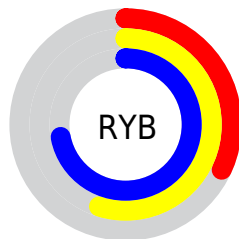
Distribution



Red (32%)

Green (72%)

Blue (63%)



Red (32%)

Yellow (55%)

Blue (72%)

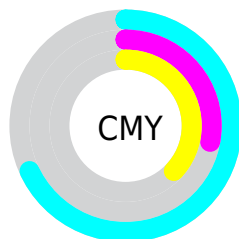


Cyan (55%)

Magenta (0%)

Yellow (13%)

Black (28%)



Cyan (68%)

Magenta (28%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52B8A0 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 52B8A0 by changing the saturation by 10% instead.

 52B8A0

 52B8A0

FFFFFF

 339D86

 8BF1D7

 05826D

 A8FFF3

 006954

 C5FFFF

 00503D

 E2FFFF

 003828

 002413

 000000

 52B8A0

 52B8A0

 40B89C

 64B8A4

■ 2DB897

■ 77B8A9

■ 1BB893

■ 89B8AD

■ 08B88F

■ 9CB8B1

■ 00B88D

■ AEB8B6

■ C0B8BA

■ D3B8BE

■ E5B8C3

■ F8B8C7

Harmonies

Analogous

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



7BB481



52B8A0



2BB8C1

Triad

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



52B8A0



A3A1E1



DA9873

Complementary

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



52B8A0



B8526A

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.



E6908E



52B8A0



CA95CD

Square

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



52B8A0



70ACE7



E18FAE



C2A366

Rectangle

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



52B8A0



2DB6D3



E18FAE



E0957B

Sweetspot

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



52B8A0



C7F0E6



6CB852



607872



F7F7F7



787878

Same Dimension

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



52B8A0



4FF0CA



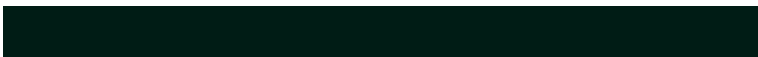
529FB8



535C5A



009C77



001C15

Inverse Universe

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



B8526A



F04F75



B86C52



5C5355



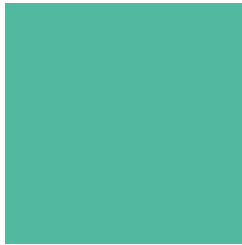
9C0025



1C0007

Previews

White Background



This preview shows how the Hex color 52B8A0 looks on a white background.

Color Contrast Check

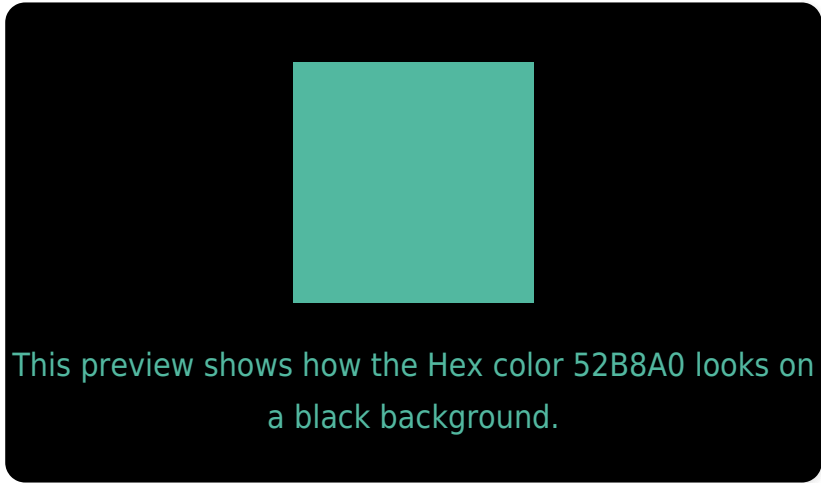
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

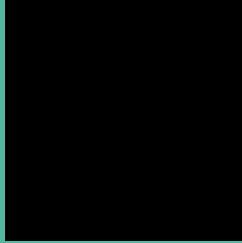
Any Text WCAG AA ✓ Pass

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 52B8A0 Background



This preview shows how black text looks on a background with the Hex color 52B8A0.

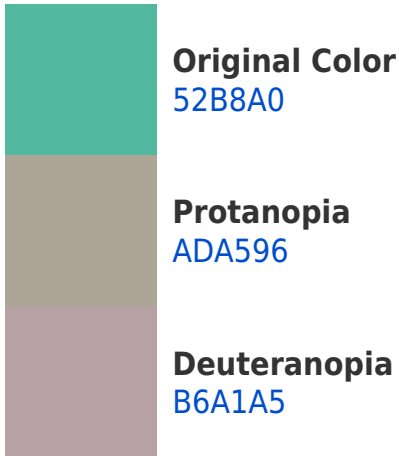


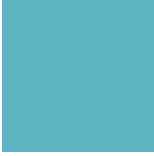
This preview shows how white text looks on a background with the Hex color 52B8A0.

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
5DB3C2

Trichromacy



Original Color
52B8A0



Protanomaly
8CAC9A



Deuteranomaly
92A9A3



Tritanomaly
59B5B6

Monochromacy



Original Color
52B8A0



Achromatopsia
979797



Achromatomaly
7EA39A

CSS Examples

Text

The CSS property to change the color of the text to Hex 52B8A0 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 #52B8A0 looks like.

```
.text, #text, p{  
    color:#52B8A0  
}
```

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 #52B8A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52B8A0
}
```

Border

The CSS property to change the border of an element to Hex 52B8A0 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
#52B8A0 }
```

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

```
.border{ border-color:#52B8A0 }
```

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

Here you see how a box with a 4 pixel #52B8A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52B8A0; -webkit-box-shadow:4px 4px  
4px 4px #52B8A0; box-shadow:4px 4px 4px  
4px #52B8A0 }
```

Background

The CSS property to change the background color of an element to Hex 52B8A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52B8A0 }
```

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

```
.background{ background-color:#52B8A0 }
```

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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