

Converting Colors

Hex(50B4B6)

Have a look what the booklet for
Hex(50B4B6) contains.

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Color

Hex(50B4B6)

Conversions

Conversions Part 1

Format	Color
Hex	50B4B6
RGB	80, 180, 182
RGB Percent	31%, 71%, 71%
CMY	0.6863, 0.2941, 0.2863
CMYK	0.56, 0.01, 0.00, 0.29
HSL	181°, 41%, 51%
HSV	181°, 56%, 71%
XYZ	28.0730, 37.7254, 50.0581
YIQ	150.3280, -60.2420, -20.5780

Conversions

Conversions Part 2

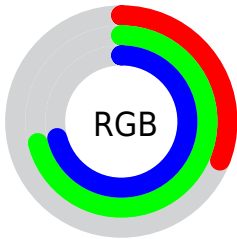
Format	Color
RYB	80, 130, 182
Decimal	5289142
CIELab	67.82, -28.30, -9.85
CIELCh	68, 29.966, 199.184
Yxy	37.7254, 0.2423, 0.3256
Android (android.graphics.Color)	4283479222 (0xFF50B4B6)
YUV	150.3280, 15.6143, -61.6777
Hunter-Lab	61.4210, -25.9017, -5.3266

Details

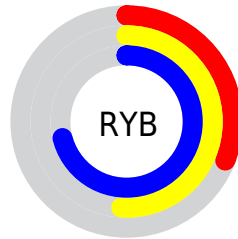
The Hex color **50B4B6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B65250**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **8AECEE**, and **007F81** is the 20% darker color. If you saturate the color by 10%, you get **3EB4B6**, and if you desaturate by 10%, it is **62B4B6**.

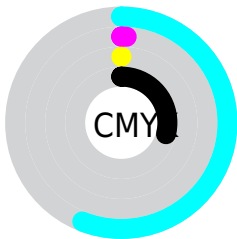
Distribution



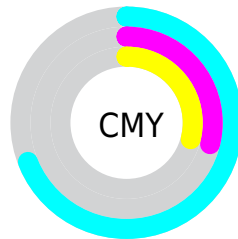
- Red (31%)
- Green (71%)
- Blue (71%)



- Red (31%)
- Yellow (51%)
- Blue (71%)



- Cyan (56%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)



- Cyan (69%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50B4B6 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 50B4B6 by changing the saturation by 10% instead.

 50B4B6

 50B4B6

FFFFFF

 30999B

 8AECEE

 007F81

 A7FFFF

 006568

 C5FFFF

 004D50

 E2FFFF

 003639

 002224

 00010E

 000000

 50B4B6

 50B4B6

3EB4B6

62B4B6

2CB3B6

74B5B6

19B3B6

87B5B6

07B3B6

99B5B6

00B2B6

ABB6B6

BDB6B6

CFB6B6

E2B7B6

F4B7B6

Harmonies

Analogous

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



68B39A



50B4B6



53B1CD

Triad

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



50B4B6



BE98C9



C1A070

Complementary

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



50B4B6



B65250

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.



D4977D



50B4B6



D492B0

Square

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



50B4B6



9BA2D8



DB9295



A6A972

Rectangle

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



50B4B6



66ADD7



DB9295



C89D73

Sweetspot

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



50B4B6



C5ECED



50B652



607778



F7F7F7



787878

Same Dimension

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



50B4B6



4EEAED



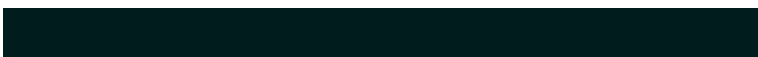
5081B6



535C5C



00999C



001C1C

Inverse Universe

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



B650B4



ED4EEA



B68550



5C535C



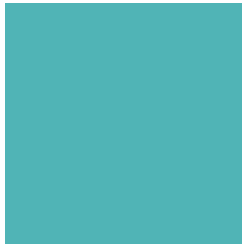
9C0099



1C001C

Previews

White Background



This preview shows how the Hex color 50B4B6 looks on a white background.

Color Contrast Check

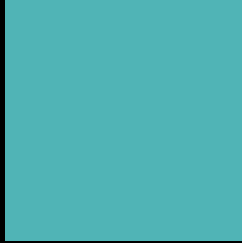
Large Text (above 18pt) WCAG AA × Fail

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 50B4B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

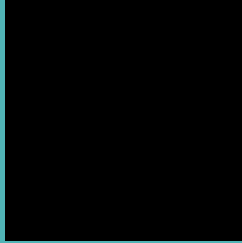
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

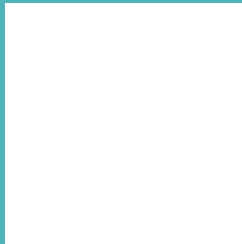
Any Text WCAG AAA ✓ Pass

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

Hex 50B4B6 Background



This preview shows how black text looks on a background with the Hex color 50B4B6.

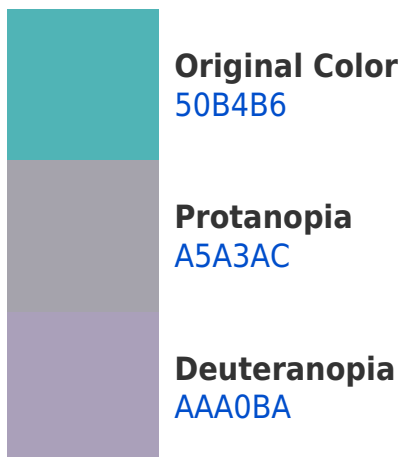


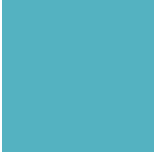
This preview shows how white text looks on a background with the Hex color 50B4B6.

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
54B2C1

Trichromacy



Original Color
50B4B6



Protanomaly
86A9B0



Deuteranomaly
89A7B9



Tritanomaly
53B3BD

Monochromacy



Original Color
50B4B6



Achromatopsia
969696



Achromatomaly
7DA1A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 50B4B6 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 #50B4B6 looks like.

```
.text, #text, p{  
    color:#50B4B6  
}
```

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 #50B4B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50B4B6
}
```

Border

The CSS property to change the border of an element to Hex 50B4B6 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
#50B4B6 }
```

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

```
.border{ border-color:#50B4B6 }
```

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

Here you see how a box with a 4 pixel #50B4B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50B4B6; -webkit-box-shadow:4px 4px  
4px 4px #50B4B6; box-shadow:4px 4px 4px  
4px #50B4B6 }
```

Background

The CSS property to change the background color of an element to Hex 50B4B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50B4B6 }
```

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

```
.background{ background-color:#50B4B6 }
```

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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