

# Converting Colors

Hex(50B5B6)

Have a look what the booklet for  
Hex(50B5B6) contains.

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**Color**

**Hex(50B5B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50B5B6
RGB	80, 181, 182
RGB Percent	31%, 71%, 71%
CMY	0.6863, 0.2902, 0.2863
CMYK	0.56, 0.01, 0.00, 0.29
HSL	181°, 41%, 51%
HSV	181°, 56%, 71%
XYZ	28.2756, 38.1306, 50.1256
YIQ	150.9150, -60.5170, -21.1010

# Conversions

## Conversions Part 2

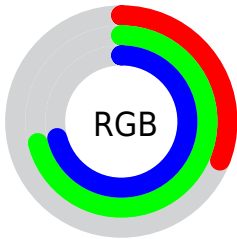
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 131, 182
Decimal	5289398
CIELab	68.12, -28.79, -9.40
CIElCh	68, 30.287, 198.082
Yxy	38.1306, 0.2426, 0.3272
Android (android.graphics.Color)	4283479478 (0xFF50B5B6)
YUV	150.9150, 15.3249, -62.1925
Hunter-Lab	61.7500, -26.3264, -4.9037

# Details

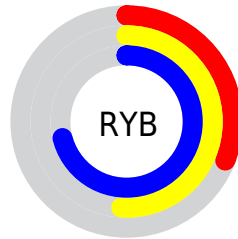
The Hex color **50B5B6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B65150**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **8BEDEE**, and **008081** is the 20% darker color. If you saturate the color by 10%, you get **3EB5B6**, and if you desaturate by 10%, it is **62B5B6**.

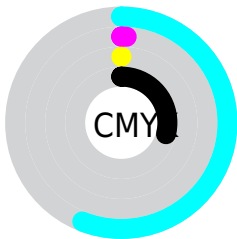
# Distribution



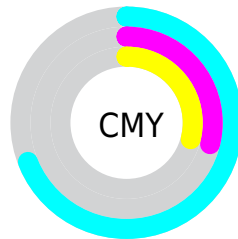
- Red (31%)
- Green (71%)
- Blue (71%)



- 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 50B5B6 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 50B5B6 by changing the saturation by 10% instead.



 50B5B6

 50B5B6

FFFFFF

 309A9B

 8BEDEE

 008081

 A8FFFF

 006668

 C5FFFF

 004E50

 E2FFFF

 003639

 002224

 00010E

 000000

 50B5B6

 50B5B6

 3EB5B6

 62B5B6

 2CB5B6

 74B5B6

 19B4B6

 87B6B6

 07B4B6

 99B6B6

 00B4B6

 ABB6B6

 BDB6B6

 CFB6B6

 E2B6B6

 F4B7B6

# Harmonies

## Analogous

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



69B49A



50B5B6



51B2CE

# Triad

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



50B5B6



BE99CB



C3A171

# Complementary

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



50B5B6



B65150

# 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.



D6987E



50B5B6



D593B2

# Square

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



50B5B6



9BA3DA



DD9296



A8AA72

# Rectangle

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



50B5B6



65AED8



DD9296



CA9D74



# Sweetspot

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



50B5B6



C5EDED



50B650



607878



F7F7F7



787878



# Same Dimension

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



50B5B6



4EECED



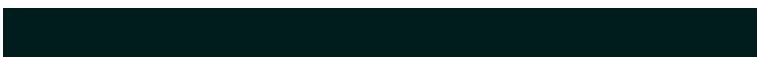
5083B6



535C5C



009A9C



001C1C



# Inverse Universe

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



B650B5



ED4EEC



B68350



5C535C



9C009A

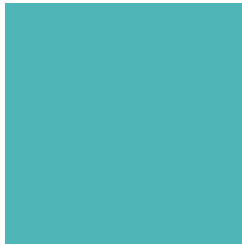


1C001C



# Previews

## White Background



This preview shows how the Hex color 50B5B6 looks on a white background.

## Color Contrast Check

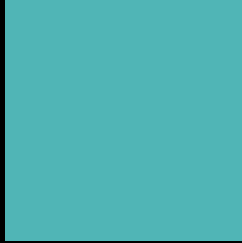
Large Text (above 18pt) WCAG AA × Fail

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 50B5B6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

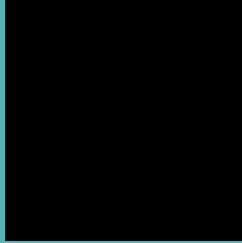
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

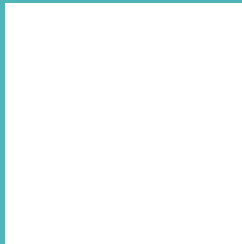
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 50B5B6 Background



This preview shows how black text looks on a background with the Hex color 50B5B6.

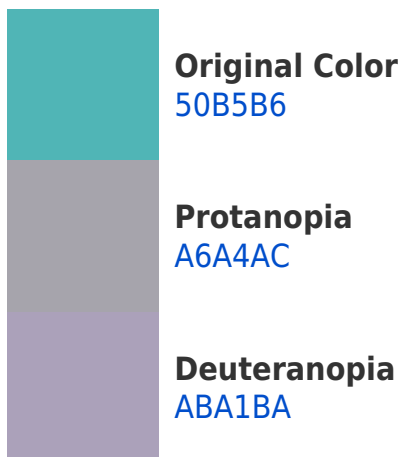


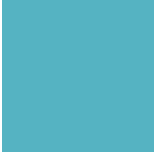
This preview shows how white text looks on a background with the Hex color 50B5B6.

# 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**  
55B3C2

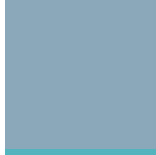
# Trichromacy



**Original Color**  
50B5B6



**Protanomaly**  
87AAB0



**Deuteranomaly**  
8AA8B9



**Tritanomaly**  
53B4BE

# Monochromacy



**Original Color**  
50B5B6



**Achromatopsia**  
979797



**Achromatomaly**  
7DA2A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50B5B6 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 #50B5B6 looks like.

```
.text, #text, p{  
    color:#50B5B6  
}
```

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 #50B5B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50B5B6
}
```

## Border

The CSS property to change the border of an element to Hex 50B5B6 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
#50B5B6 }
```

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

```
.border{ border-color:#50B5B6 }
```

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

Here you see how a box with a 4 pixel #50B5B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50B5B6; -webkit-box-shadow:4px 4px  
4px 4px #50B5B6; box-shadow:4px 4px 4px  
4px #50B5B6 }
```

# Background

The CSS property to change the background color of an element to Hex 50B5B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50B5B6 }
```

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

```
.background{ background-color:#50B5B6 }
```

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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