

# Converting Colors

Hex(50B3A0)

Have a look what the booklet for  
Hex(50B3A0) contains.

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**Color**

**Hex(50B3A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50B3A0
RGB	80, 179, 160
RGB Percent	31%, 70%, 63%
CMY	0.6863, 0.2980, 0.3725
CMYK	0.55, 0.00, 0.11, 0.30
HSL	168°, 39%, 51%
HSV	168°, 55%, 70%
XYZ	25.7735, 36.4837, 38.9414
YIQ	147.2330, -52.9050, -26.8970

# Conversions

## Conversions Part 2

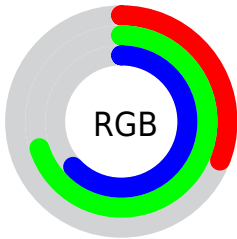
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 135, 179
Decimal	5288864
CIELab	66.89, -33.65, 0.95
CIElCh	67, 33.659, 178.390
Yxy	36.4837, 0.2547, 0.3605
Android (android.graphics.Color)	4283478944 (0xFF50B3A0)
YUV	147.2330, 6.2941, -58.9633
Hunter-Lab	60.4018, -29.5369, 4.0566

# Details

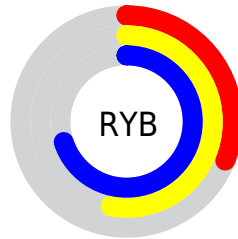
The Hex color **50B3A0** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B35063**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **89EBD7**, and **027E6D** is the 20% darker color. If you saturate the color by 10%, you get **3EB39D**, and if you desaturate by 10%, it is **62B3A3**.

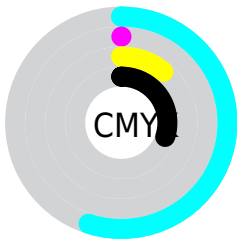
# Distribution



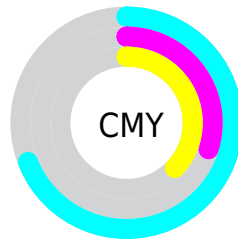
- Red (31%)
- Green (70%)
- Blue (63%)



- Red (31%)
- Yellow (53%)
- Blue (70%)



- Cyan (55%)
- Magenta (0%)
- Yellow (11%)
- Black (30%)



- Cyan (69%)
- Magenta (30%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50B3A0 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 50B3A0 by changing the saturation by 10% instead.



 50B3A0

 50B3A0

FFFFFF

 319886

 89EBD7

 027E6D

 A6FFF3

 006454

 C3FFFF

 004C3D

 E0FFFF

 003428

FEFFFF

 002013

 000000

 50B3A0

 50B3A0

 3EB39D

 62B3A3

■ 2CB399

■ 74B3A7

■ 1AB396

■ 86B3AA

■ 08B392

■ 98B3AE

■ 00B391

■ AAB3B1

■ BBB3B5

■ CDB3B8

■ DFB3BB

■ F1B3BF

# Harmonies

## Analogous

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



76B082



50B3A0



33B2BE

# Triad

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



50B3A0



A49CD8



D19670

# Complementary

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



50B3A0



B35063

# 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.



DE8E87



50B3A0



C891C3

# Square

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



50B3A0



76A6DF



DB8CA6



B9A066

# Rectangle

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



50B3A0



3AB0CF



DB8CA6



D79377



# Sweetspot

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



50B3A0



C1E8E0



64B350



5E7571



F5F5F5



757575



# Same Dimension

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



50B3A0



4FE8CB



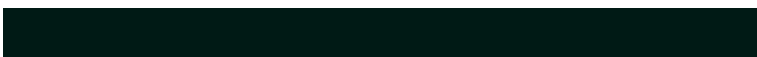
5095B3



505958



00997C



001A15



# Inverse Universe

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



B35063



E84F6C



B36E50



595052



99001D

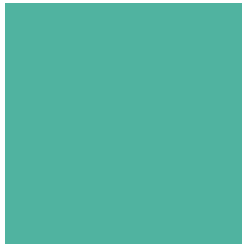


1A0005



# Previews

## White Background



This preview shows how the Hex color 50B3A0 looks on a white background.

## Color Contrast Check

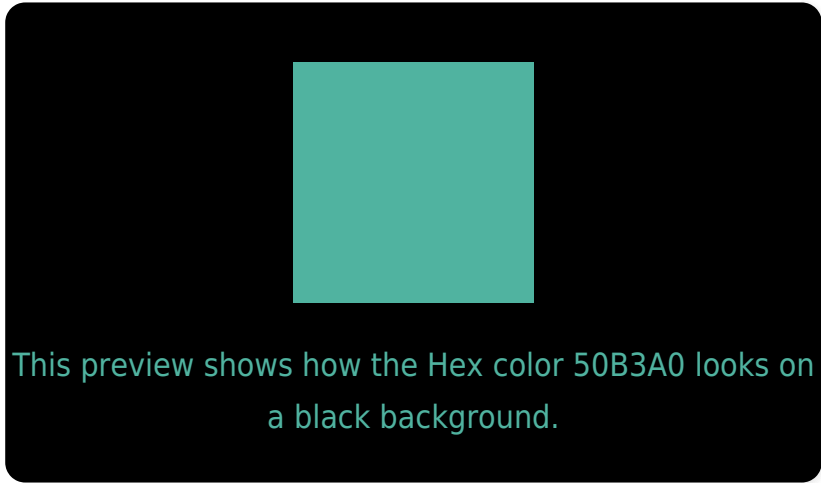
Large Text (above 18pt) WCAG AA × Fail

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

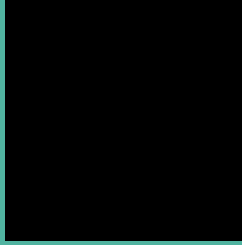
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 50B3A0 Background



This preview shows how black text looks on a background with the Hex color 50B3A0.

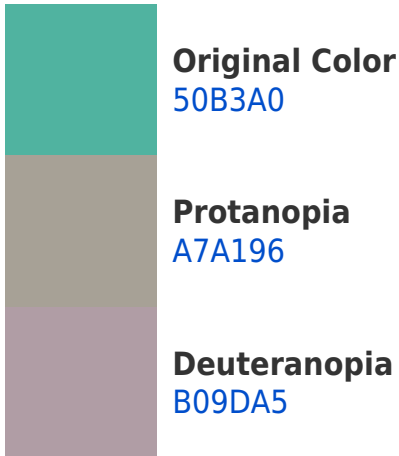


This preview shows how white text looks on a background with the Hex color 50B3A0.

# Color Blindness Simulation

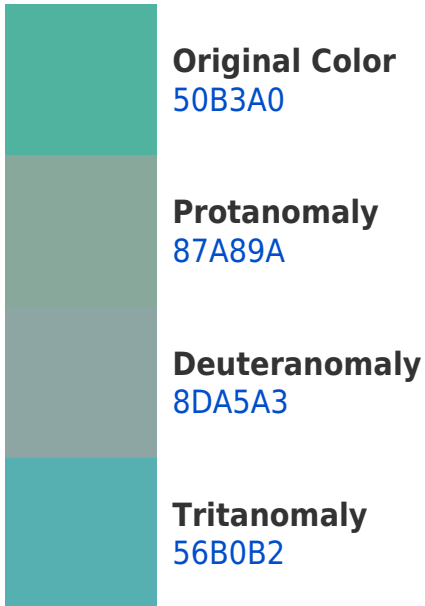
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50B3A0 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 #50B3A0 looks like.

```
.text, #text, p{  
    color:#50B3A0  
}
```

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 #50B3A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50B3A0
}
```

## Border

The CSS property to change the border of an element to Hex 50B3A0 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
#50B3A0 }
```

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

```
.border{ border-color:#50B3A0 }
```

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

Here you see how a box with a 4 pixel #50B3A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50B3A0; -webkit-box-shadow:4px 4px  
4px 4px #50B3A0; box-shadow:4px 4px 4px  
4px #50B3A0 }
```

# Background

The CSS property to change the background color of an element to Hex 50B3A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50B3A0 }
```

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

```
.background{ background-color:#50B3A0 }
```

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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