

# Converting Colors

Hex(4BB1B4)

Have a look what the booklet for  
Hex(4BB1B4) contains.

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# Color

**Hex(4BB1B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BB1B4
RGB	75, 177, 180
RGB Percent	29%, 69%, 71%
CMY	0.7059, 0.3059, 0.2941
CMYK	0.58, 0.02, 0.00, 0.29
HSL	182°, 41%, 50%
HSV	182°, 58%, 71%
XYZ	26.8620, 36.2354, 48.7584
YIQ	146.8440, -61.7550, -20.6910

# Conversions

## Conversions Part 2

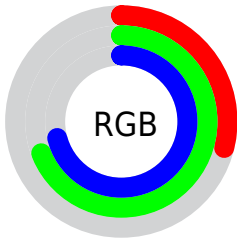
Format	Color
<a href="#">RYB</a>	<a href="#">75, 127, 180</a>
Decimal	<a href="#">4960692</a>
CIELab	<a href="#">66.70, -28.34, -10.43</a>
CIElCh	<a href="#">67, 30.197, 200.200</a>
Yxy	<a href="#">36.2354, 0.2401, 0.3239</a>
Android (android.graphics.Color)	<a href="#">4283150772</a> ( <a href="#">0xFF4BB1B4</a> )
YUV	<a href="#">146.8440, 16.3459, -63.0072</a>
Hunter-Lab	<a href="#">60.1959, -25.6883, -5.8875</a>

# Details

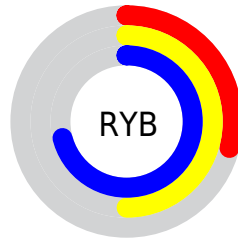
The Hex color **4BB1B4** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B44E4B**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **86E9EC**, and **007C7F** is the 20% darker color. If you saturate the color by 10%, you get **39B0B4**, and if you desaturate by 10%, it is **5DB2B4**.

# Distribution



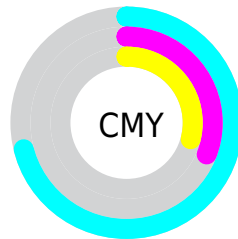
- Red (29%)
- Green (69%)
- Blue (71%)



- Red (29%)
- Yellow (50%)
- Blue (71%)



- Cyan (58%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



- Cyan (71%)
- Magenta (31%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BB1B4 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 4BB1B4 by changing the saturation by 10% instead.





4BB1B4



4BB1B4

FFFFFF



299699



86E9EC



007C7F



A3FFFF



006366



C0FFFF



004A4E



DEFFFF



003338



FCFFFF



002022



00000B



000000



4BB1B4



4BB1B4

 39B0B4

 5DB2B4

 27B0B4

 6FB2B4

 15AFB4

 81B3B4

 03AFB4

 93B3B4

 00AFB4

 A5B4B4

 B7B4B4

 C9B5B4

 DBB5B4

 EDB6B4

# Harmonies

## Analogous

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



63B198



4BB1B4



4FAECB

# Triad

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



4BB1B4



BC95C5



BD9D6D

# Complementary

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



4BB1B4



B44E4B

# 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.



D1957A



4BB1B4



D28FAC

# Square

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



4BB1B4



9A9ED5



D98F91



A2A66F

# Rectangle

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



4BB1B4



64AAD5



D98F91



C59A70



# Sweetspot

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



4BB1B4



C0E9EB



4BB44D



5B7575



F5F5F5



757575



# Same Dimension

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



4BB1B4



46E6EB



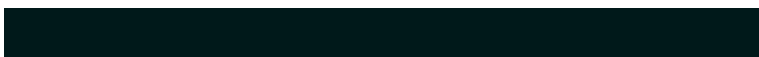
4B7EB4



505959



009599



00191A



# Inverse Universe

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



B44BB1



EB46E6



B4814B



595059



990095

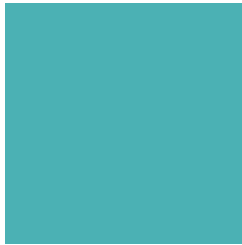


1A0019



# Previews

## White Background



This preview shows how the Hex color 4BB1B4 looks on a white background.

## Color Contrast Check

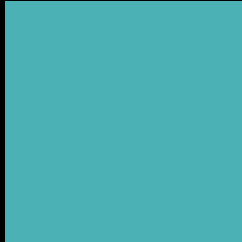
Large Text (above 18pt) WCAG AA × Fail

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 4BB1B4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

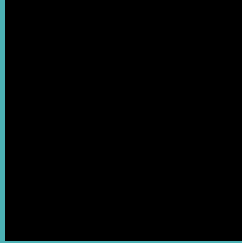
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

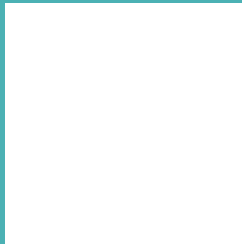
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4BB1B4 Background



This preview shows how black text looks on a background with the Hex color 4BB1B4.

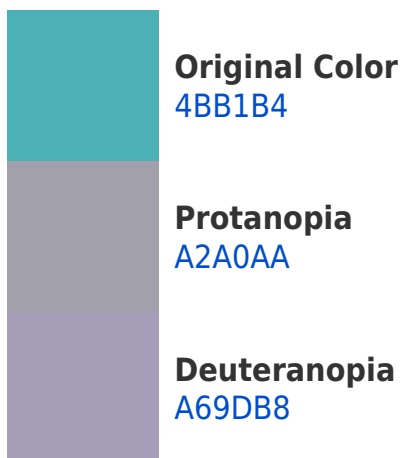


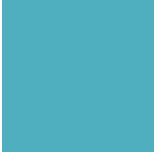
This preview shows how white text looks on a background with the Hex color 4BB1B4.

# 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](#).

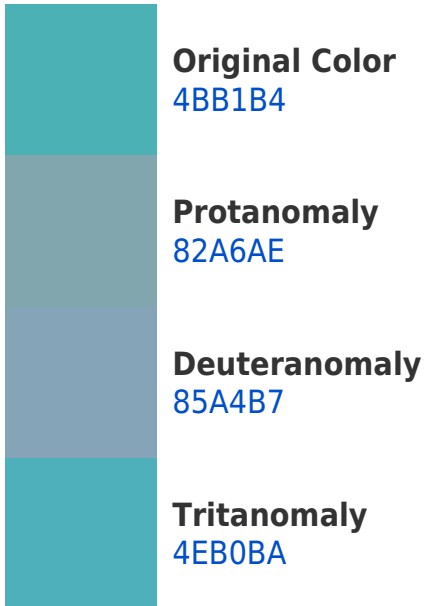
## Dichromacy





**Tritanopia**  
4FAFBE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BB1B4 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 #4BB1B4 looks like.

```
.text, #text, p{  
    color:#4BB1B4  
}
```

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 #4BB1B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BB1B4
}
```

## Border

The CSS property to change the border of an element to Hex 4BB1B4 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
#4BB1B4 }
```

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

```
.border{ border-color:#4BB1B4 }
```

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

Here you see how a box with a 4 pixel #4BB1B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BB1B4; -webkit-box-shadow:4px 4px  
4px 4px #4BB1B4; box-shadow:4px 4px 4px  
4px #4BB1B4 }
```

# Background

The CSS property to change the background color of an element to Hex 4BB1B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BB1B4 }
```

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

```
.background{ background-color:#4BB1B4 }
```

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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