

# Converting Colors

Hex(4BABB5)

Have a look what the booklet for  
Hex(4BABB5) contains.

<b>Hex(4BABB5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(4BABB5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BABB5
RGB	75, 171, 181
RGB Percent	29%, 67%, 71%
CMY	0.7059, 0.3294, 0.2902
CMYK	0.59, 0.06, 0.00, 0.29
HSL	186°, 42%, 50%
HSV	186°, 59%, 71%
XYZ	25.8051, 33.9579, 48.9105
YIQ	143.4360, -60.4260, -17.2420

# Conversions

## Conversions Part 2

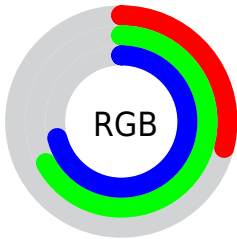
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 125, 181
Decimal	4959157
CIELab	64.93, -25.07, -13.64
CIELCh	65, 28.540, 208.546
Yxy	33.9579, 0.2375, 0.3125
Android (android.graphics.Color)	4283149237 (0xFF4BABB5)
YUV	143.4360, 18.5191, -60.0184
Hunter-Lab	58.2734, -22.9337, -8.9724

# Details

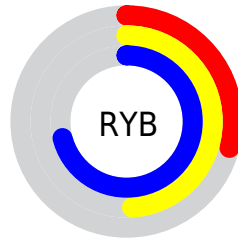
The Hex color **4BABB5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B5554B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **86E3ED**, and **007680** is the 20% darker color. If you saturate the color by 10%, you get **39A9B5**, and if you desaturate by 10%, it is **5DADB5**.

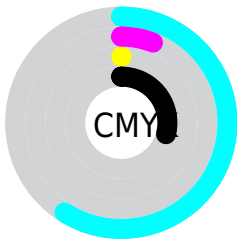
# Distribution



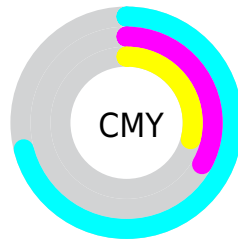
- Red (29%)
- Green (67%)
- Blue (71%)



- Red (29%)
- Yellow (49%)
- Blue (71%)



- Cyan (59%)
- Magenta (6%)
- Yellow (0%)
- Black (29%)



- Cyan (71%)
- Magenta (33%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BABB5 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 4BABB5 by changing the saturation by 10% instead.



 4BABB5

 4BABB5

FFFFFF

 2A909A

 86E3ED

 007680

 A2FFFF

 005D67

 C0FFFF

 00454F

 DDFFFF

 002F38

 FBFFFF

 001B23

 00000C

 000000

 4BABB5

 4BABB5

■ 39A9B5

■ 5DADB5

■ 27A8B5

■ 6FAEB5

■ 15A6B5

■ 81B0B5

■ 03A4B5

■ 93B2B5

■ 00A4B5

■ A6B4B5

■ B8B5B5

■ CAB7B5

■ DCB9B5

■ EEBAB5

# Harmonies

## Analogous

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



5CAC9B



4BABB5



58A7C8

# Triad

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



4BABB5



BD8FB9



B19B6B

# Complementary

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



4BABB5



B5554B

# 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.



C59373



4BABB5



CE8BA0

# Square

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



4BABB5



9F97CA



D08C86



96A370

# Rectangle

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



4BABB5



6EA3CF



D08C86



B8996C



# Sweetspot

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



4BABB5



C0E7EB



4BB554



5B7375



F5F5F5



757575



# Same Dimension

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



4BABB5



46DBEB



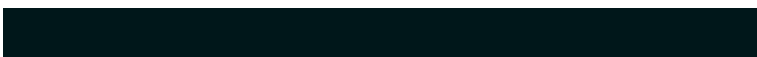
4B77B5



505859



008B99



00171A



# Inverse Universe

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



B54BAB



EB46DB



B5894B



595058



99008B

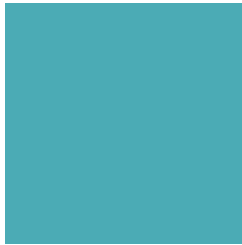


1A0017



# Previews

## White Background



This preview shows how the Hex color 4BABB5 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 4BABB5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

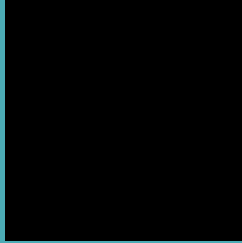
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

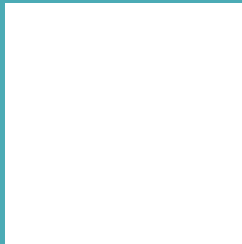
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4BABB5 Background



This preview shows how black text looks on a background with the Hex color 4BABB5.

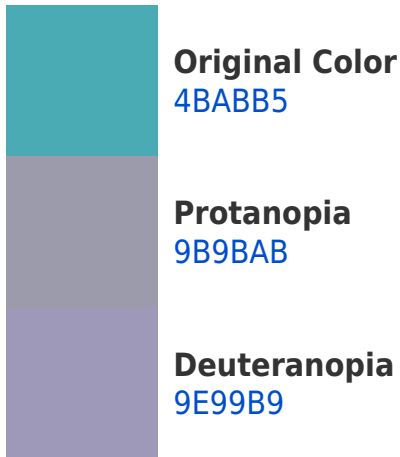


This preview shows how white text looks on a background with the Hex color 4BABB5.

# Color Blindness Simulation

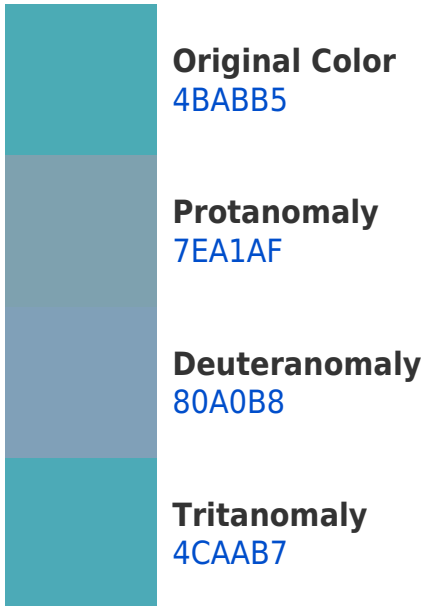
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

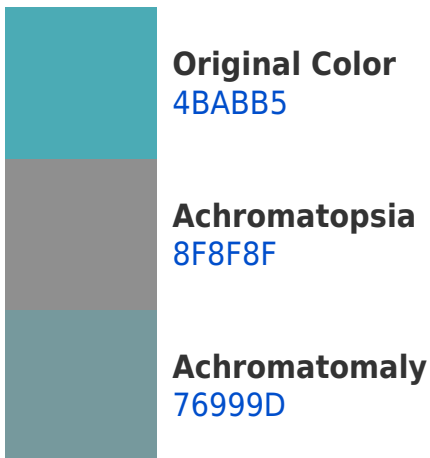




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BABB5 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 #4BABB5 looks like.

```
.text, #text, p{  
    color:#4BABB5  
}
```

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 #4BABB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BABB5
}
```

## Border

The CSS property to change the border of an element to Hex 4BABB5 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
#4BABB5 }
```

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

```
.border{ border-color:#4BABB5 }
```

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

Here you see how a box with a 4 pixel #4BABB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BABB5; -webkit-box-shadow:4px 4px  
4px 4px #4BABB5; box-shadow:4px 4px 4px  
4px #4BABB5 }
```

# Background

The CSS property to change the background color of an element to Hex 4BABB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BABB5 }
```

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

```
.background{ background-color:#4BABB5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor