

# Converting Colors

Hex(4BB4A3)

Have a look what the booklet for  
Hex(4BB4A3) contains.

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# Color

**Hex(4BB4A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BB4A3
RGB	75, 180, 163
RGB Percent	29%, 71%, 64%
CMY	0.7059, 0.2941, 0.3608
CMYK	0.58, 0.00, 0.09, 0.29
HSL	170°, 41%, 50%
HSV	170°, 58%, 71%
XYZ	25.8338, 36.7827, 40.3885
YIQ	146.6670, -57.1230, -27.5470

# Conversions

## Conversions Part 2

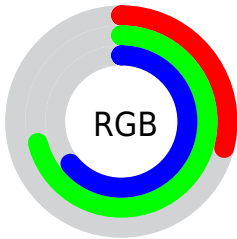
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 132, 180
Decimal	4961443
CIELab	67.11, -34.37, -0.40
CIELCh	67, 34.369, 180.671
Yxy	36.7827, 0.2508, 0.3571
Android (android.graphics.Color)	4283151523 (0xFF4BB4A3)
YUV	146.6670, 8.0522, -62.8520
Hunter-Lab	60.6488, -30.1020, 2.9705

# Details

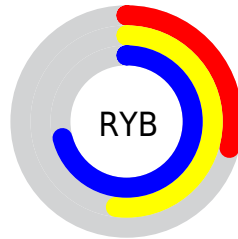
The Hex color **4BB4A3** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B44B5C**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **85ECDA**, and **007F6F** is the 20% darker color. If you saturate the color by 10%, you get **39B4A0**, and if you desaturate by 10%, it is **5DB4A6**.

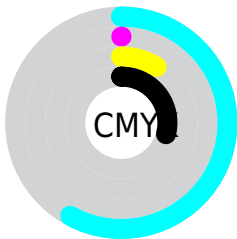
# Distribution



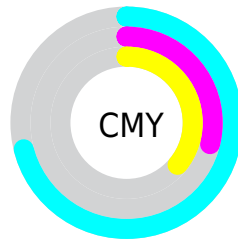
- Red (29%)
- Green (71%)
- Blue (64%)



- Red (29%)
- Yellow (52%)
- Blue (71%)



- Cyan (58%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)



- Cyan (71%)
- Magenta (29%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BB4A3 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 4BB4A3 by changing the saturation by 10% instead.





4BB4A3



4BB4A3

FFFFFF



2A9989



85ECDA



007F6F



A2FFF6



006557



BFFFFFF



004C40



DDFFFF



00352A



FAFFFF



002115



000000



4BB4A3



4BB4A3



39B4A0



5DB4A6

 27B49D

 6FB4A9

 15B49A

 81B4AC

 03B497

 93B4AF

 00B497

 A5B4B2

 B7B4B4

 C9B4B7

 DBB4BA

 EDB4BD

# Harmonies

## Analogous

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



72B184



4BB4A3



2EB3C2

# Triad

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



4BB4A3



A89BD9



D1976E

# Complementary

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



4BB4A3



B44B5C

# 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.



DF8E85



4BB4A3



CB91C2

# Square

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



4BB4A3



79A6E1



DE8CA4



B7A265

# Rectangle

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



4BB4A3



39B1D2



DE8CA4



D79475



# Sweetspot

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



4BB4A3



C0EBE4



5DB44B



5B7571



F5F5F5



757575



# Same Dimension

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



4BB4A3



46EBD0



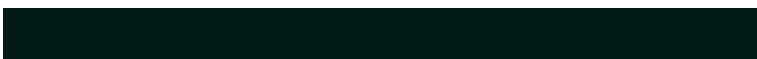
4B91B4



505958



009980



001A15



# Inverse Universe

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



B44B5C



EB4661



B46E4B



595052



990019

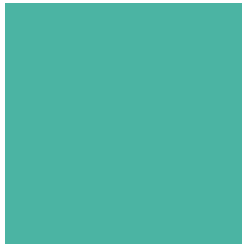


1A0004



# Previews

## White Background



This preview shows how the Hex color 4BB4A3 looks on a white background.

## Color Contrast Check

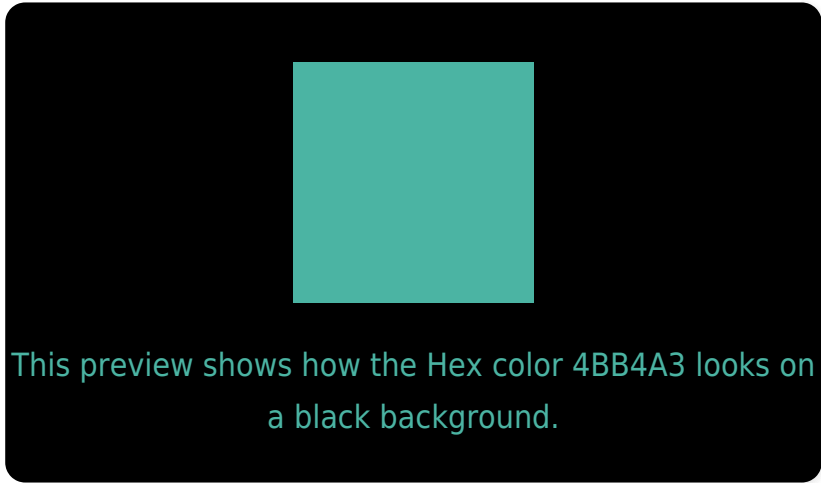
Large Text (above 18pt) WCAG AA × Fail

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

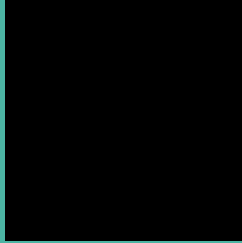
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4BB4A3 Background



This preview shows how black text looks on a background with the Hex color 4BB4A3.

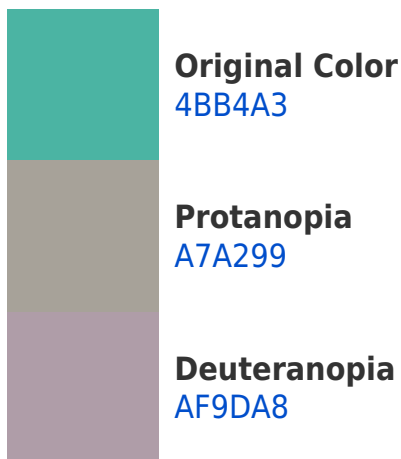


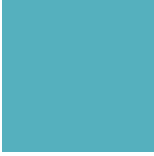
This preview shows how white text looks on a background with the Hex color 4BB4A3.

# 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**  
55B0BE

# Trichromacy



**Original Color**  
4BB4A3



**Protanomaly**  
86A99D



**Deuteranomaly**  
8BA5A6



**Tritanomaly**  
51B1B4

# Monochromacy



**Original Color**  
4BB4A3



**Achromatopsia**  
939393



**Achromatomaly**  
799F99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BB4A3 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 #4BB4A3 looks like.

```
.text, #text, p{  
    color:#4BB4A3  
}
```

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 #4BB4A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BB4A3
}
```

## Border

The CSS property to change the border of an element to Hex 4BB4A3 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
#4BB4A3 }
```

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

```
.border{ border-color:#4BB4A3 }
```

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

Here you see how a box with a 4 pixel #4BB4A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BB4A3; -webkit-box-shadow:4px 4px  
4px 4px #4BB4A3; box-shadow:4px 4px 4px  
4px #4BB4A3 }
```

# Background

The CSS property to change the background color of an element to Hex 4BB4A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BB4A3 }
```

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

```
.background{ background-color:#4BB4A3 }
```

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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