

Converting Colors

Hex(4BB9AA)

Have a look what the booklet for
Hex(4BB9AA) contains.

Hex(4BB9AA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4BB9AA)

Conversions

Conversions Part 1

Format	Color
Hex	4BB9AA
RGB	75, 185, 170
RGB Percent	29%, 73%, 67%
CMY	0.7059, 0.2745, 0.3333
CMYK	0.59, 0.00, 0.08, 0.27
HSL	172°, 44%, 51%
HSV	172°, 59%, 73%
XYZ	27.5063, 39.0961, 44.1268
YIQ	150.4000, -60.7450, -27.9850

Conversions

Conversions Part 2

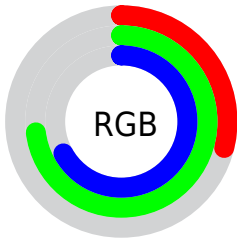
Format	Color
RYB	75, 134, 185
Decimal	4962730
CIELab	68.82, -34.88, -1.76
CIELCh	69, 34.926, 182.893
Yxy	39.0961, 0.2484, 0.3531
Android (android.graphics.Color)	4283152810 (0xFF4BB9AA)
YUV	150.4000, 9.6628, -66.1258
Hunter-Lab	62.5268, -30.8977, 1.9263

Details

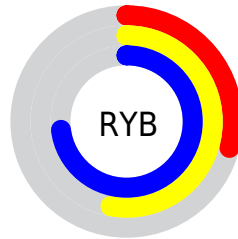
The Hex color **4BB9AA** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B94B5A**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **86F2E1**, and **008376** is the 20% darker color. If you saturate the color by 10%, you get **39B9A7**, and if you desaturate by 10%, it is **5EB9AD**.

Distribution



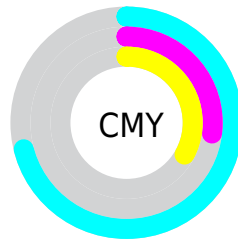
- Red (29%)
- Green (73%)
- Blue (67%)



- Red (29%)
- Yellow (53%)
- Blue (73%)



- Cyan (59%)
- Magenta (0%)
- Yellow (8%)
- Black (27%)



- Cyan (71%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BB9AA 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 4BB9AA by changing the saturation by 10% instead.



4BB9AA



4BB9AA

FFFFFF



299E90



86F2E1



008376



A3FFFE



006A5D



C0FFFF



005146



DEFFFF



003930



FCFFFF



00251B



000000



4BB9AA



4BB9AA



39B9A7



5EB9AD

 26B9A5

 70B9AF

 14B9A2

 83B9B2

 01B9A0

 95B9B4

 00B9A0

 A8B9B7

 BAB9B9

 CDB9BC

 DFB9BE

 F2B9C1

Harmonies

Analogous

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



73B68A



4BB9AA



30B8C9

Triad

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



4BB9AA



B09FDD



D59C70

Complementary

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



4BB9AA



B94B5A

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.



E49387



4BB9AA



D294C5

Square

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



4BB9AA



80AAE7



E490A6



BAA768

Rectangle

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



4BB9AA



3EB5D9



E490A6



DB9977

Sweetspot

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



4BB9AA



C5F0EA



5CB94B



5D7874



F7F7F7



787878

Same Dimension

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



4BB9AA



46F0D8



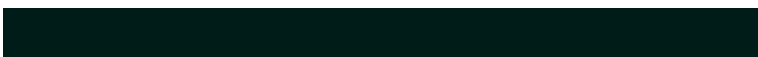
4B93B9



535C5B



009C86



001C18

Inverse Universe

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



B94B5A



F0465D



B9724B



5C5354



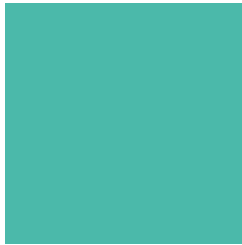
9C0015



1C0004

Previews

White Background



This preview shows how the Hex color 4BB9AA looks on a white background.

Color Contrast Check

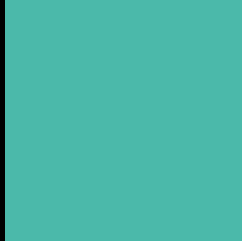
Large Text (above 18pt) WCAG AA × Fail

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 4BB9AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

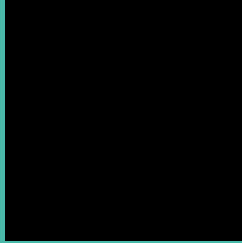
Any Text WCAG AA ✓ Pass

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 4BB9AA Background



This preview shows how black text looks on a background with the Hex color 4BB9AA.

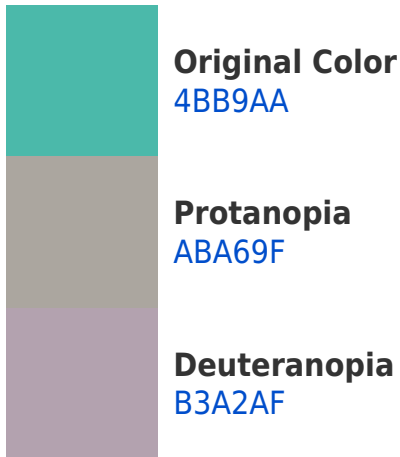


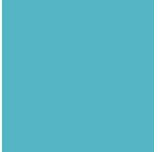
This preview shows how white text looks on a background with the Hex color 4BB9AA.

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](#).

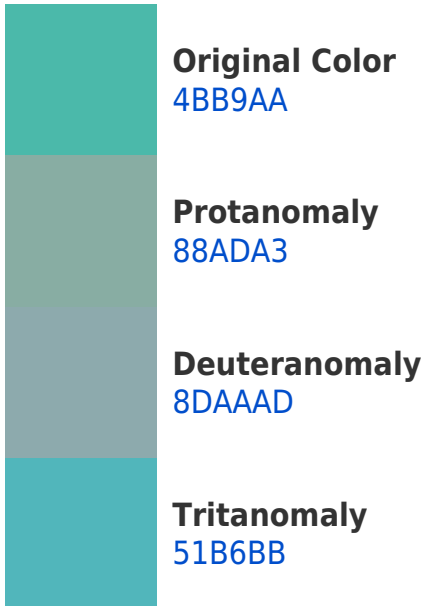
Dichromacy



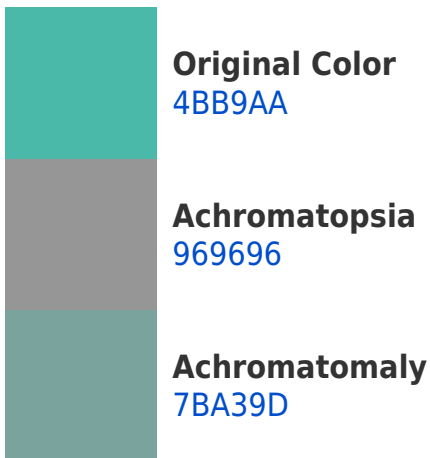


Tritanopia
55B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BB9AA 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 #4BB9AA looks like.

```
.text, #text, p{  
    color:#4BB9AA  
}
```

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 #4BB9AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BB9AA
}
```

Border

The CSS property to change the border of an element to Hex 4BB9AA 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
#4BB9AA }
```

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

```
.border{ border-color:#4BB9AA }
```

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

Here you see how a box with a 4 pixel #4BB9AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BB9AA; -webkit-box-shadow:4px 4px  
4px 4px #4BB9AA; box-shadow:4px 4px 4px  
4px #4BB9AA }
```

Background

The CSS property to change the background color of an element to Hex 4BB9AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BB9AA }
```

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

```
.background{ background-color:#4BB9AA }
```

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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