

# Converting Colors

Hex(4AB3AF)

Have a look what the booklet for  
Hex(4AB3AF) contains.

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**Color**

**Hex(4AB3AF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4AB3AF
RGB	74, 179, 175
RGB Percent	29%, 70%, 69%
CMY	0.7098, 0.2980, 0.3137
CMYK	0.59, 0.00, 0.02, 0.30
HSL	178°, 42%, 50%
HSV	178°, 59%, 70%
XYZ	26.6820, 36.7912, 46.2526
YIQ	147.1490, -61.2960, -23.5040

# Conversions

## Conversions Part 2

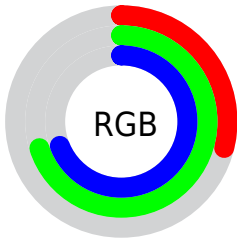
Format	Color
<a href="#">RYB</a>	<a href="#">74, 128, 179</a>
Decimal	<a href="#">4895663</a>
CIELab	<a href="#">67.12, -30.89, -7.03</a>
CIElCh	<a href="#">67, 31.679, 192.830</a>
Yxy	<a href="#">36.7912, 0.2432, 0.3353</a>
Android (android.graphics.Color)	<a href="#">4283085743</a> ( <a href="#">0xFF4AB3AF</a> )
YUV	<a href="#">147.1490, 13.7305, -64.1517</a>
Hunter-Lab	<a href="#">60.6557, -27.6267, -2.7521</a>

# Details

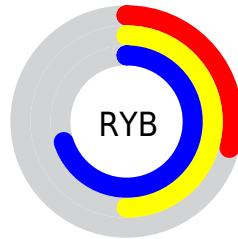
The Hex color **4AB3AF** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B34A4E**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **85EBE6**, and **007E7B** is the 20% darker color. If you saturate the color by 10%, you get **38B3AE**, and if you desaturate by 10%, it is **5CB3B0**.

# Distribution



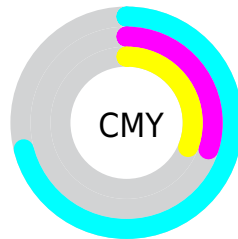
- Red (29%)
- Green (70%)
- Blue (69%)



- Red (29%)
- Yellow (50%)
- Blue (70%)



- Cyan (59%)
- Magenta (0%)
- Yellow (2%)
- Black (30%)



- Cyan (71%)
- Magenta (30%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4AB3AF 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 4AB3AF by changing the saturation by 10% instead.





4AB3AF



4AB3AF

FFFFFF



289894



85EBE6



007E7B



A2FFFF



006462



BFFFFFF



004C4A



DDFFFF



003434



FBFFFF



00211E



000005



000000



4AB3AF



4AB3AF

 38B3AE

 5CB3B0

 26B3AE

 6EB3B0

 14B3AD

 80B3B1

 02B3AC

 92B3B2

 00B3AC

 A4B3B2

 B5B3B3

 C7B3B4

 D9B3B4

 EBB3B5

# Harmonies

## Analogous

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



69B292



4AB3AF



44B1C9

# Triad

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



4AB3AF



B798CD



C59C6D

# Complementary

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



4AB3AF



B34A4E

# 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.



D7937E



4AB3AF



D190B5

# Square

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



4AB3AF



90A2DB



DC8E98



ABA66B

# Rectangle

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



4AB3AF



56ADD5



DC8E98



CC9971



# Sweetspot

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



4AB3AF



BEE8E6



4FB34A



5B7574



F5F5F5



757575



# Same Dimension

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



4AB3AF



46E8E2



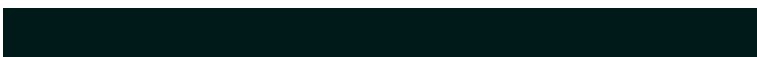
4A84B3



505959



009993



001A19



# Inverse Universe

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



B34A4E



E8464C



B3794A



595051



990006

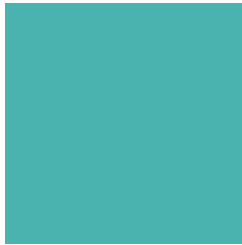


1A0001



# Previews

## White Background



This preview shows how the Hex color 4AB3AF looks on a white background.

## Color Contrast Check

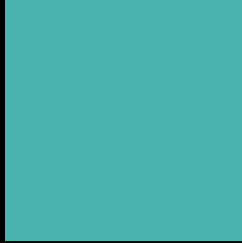
Large Text (above 18pt) WCAG AA × Fail

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 4AB3AF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

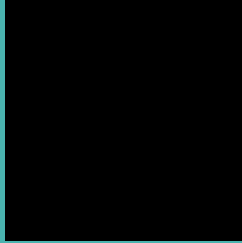
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

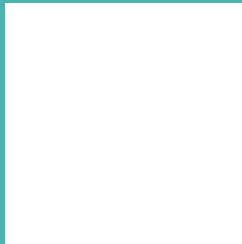
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4AB3AF Background



This preview shows how black text looks on a background with the Hex color 4AB3AF.

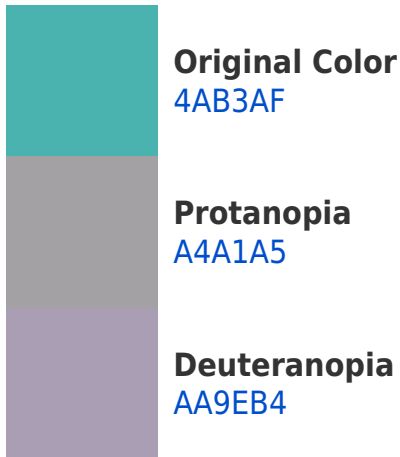


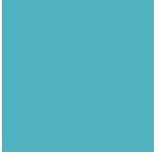
This preview shows how white text looks on a background with the Hex color 4AB3AF.

# 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](#).

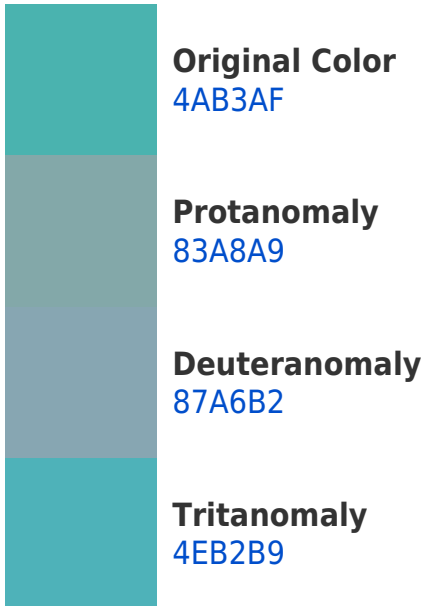
## Dichromacy



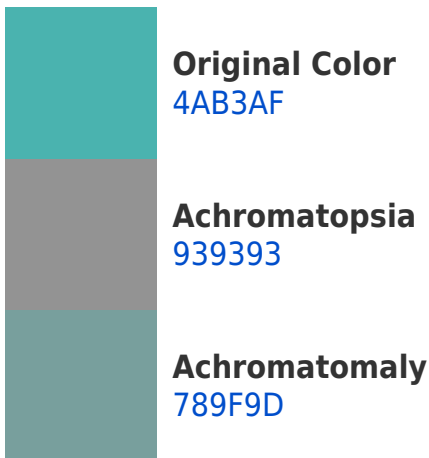


**Tritanopia**  
51B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4AB3AF 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 #4AB3AF looks like.

```
.text, #text, p{  
    color:#4AB3AF  
}
```

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 #4AB3AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AB3AF
}
```

## Border

The CSS property to change the border of an element to Hex 4AB3AF 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
#4AB3AF }
```

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

```
.border{ border-color:#4AB3AF }
```

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

Here you see how a box with a 4 pixel #4AB3AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AB3AF; -webkit-box-shadow:4px 4px  
4px 4px #4AB3AF; box-shadow:4px 4px 4px  
4px #4AB3AF }
```

# Background

The CSS property to change the background color of an element to Hex 4AB3AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AB3AF }
```

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

```
.background{ background-color:#4AB3AF }
```

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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