

# Converting Colors

Hex(48AB9B)

Have a look what the booklet for  
Hex(48AB9B) contains.

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**Color**

**Hex(48AB9B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48AB9B
RGB	72, 171, 155
RGB Percent	28%, 67%, 61%
CMY	0.7176, 0.3294, 0.3922
CMYK	0.58, 0.00, 0.09, 0.33
HSL	170°, 41%, 48%
HSV	170°, 58%, 67%
XYZ	23.1518, 32.8701, 36.1347
YIQ	139.5750, -53.8680, -25.9640

# Conversions

## Conversions Part 2

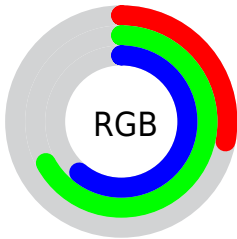
Format	Color
<a href="#">RYB</a>	<a href="#">72, 126, 171</a>
Decimal	<a href="#">4762523</a>
CIELab	<a href="#">64.06, -32.81, -0.44</a>
CIElCh	<a href="#">64, 32.808, 180.771</a>
Yxy	<a href="#">32.8701, 0.2512, 0.3567</a>
Android (android.graphics.Color)	<a href="#">4282952603 (0xFF48AB9B)</a>
YUV	<a href="#">139.5750, 7.6045, -59.2633</a>
Hunter-Lab	<a href="#">57.3324, -28.2505, 2.7643</a>

# Details

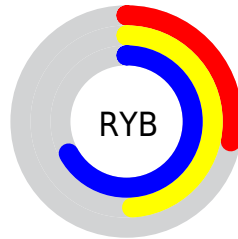
The Hex color **48AB9B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AB4858**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **82E3D1**, and **007668** is the 20% darker color. If you saturate the color by 10%, you get **37AB98**, and if you desaturate by 10%, it is **59AB9E**.

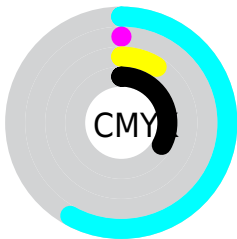
# Distribution



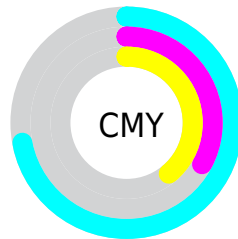
- Red (28%)
- Green (67%)
- Blue (61%)



- Red (28%)
- Yellow (49%)
- Blue (67%)



- Cyan (58%)
- Magenta (0%)
- Yellow (9%)
- Black (33%)



- Cyan (72%)
- Magenta (33%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48AB9B 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 48AB9B by changing the saturation by 10% instead.



 48AB9B

 48AB9B

FFFFFF

 289081

 82E3D1

 007668

 9EFFEE

 005D50

 BBFFFF

 004539

 D8FFFF

 002E24

 F6FFFF

 00170E

 000000

 48AB9B

 48AB9B

 37AB98

 59AB9E

■ 26AB95

■ 6AABA1

■ 15AB93

■ 7BABA3

■ 04AB90

■ 8CABA6

■ 00AB8F

■ 9DABA9

■ AFABAC

■ C0ABAE

■ D1ABB1

■ E2ABB4

# Harmonies

## Analogous

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



6DA87E



48AB9B



2EAAB8

# Triad

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



48AB9B



A093CD



C69069

# Complementary

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



48AB9B



AB4858

# 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.



D4877F



48AB9B



C18AB8

# Square

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



48AB9B



739ED5



D2859C



AE9A60

# Rectangle

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



48AB9B



38A8C8



D2859C



CC8C6F



# Sweetspot

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



48AB9B



B8DED8



58AB48



5A706D



F0F0F0



707070



# Same Dimension

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



48AB9B



45DEC5



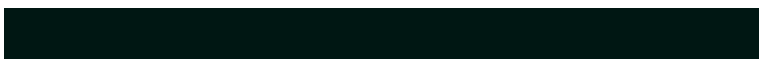
488AAB



4E5755



00967E



001713



# Inverse Universe

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



AB4858



DE455E



AB6948



574E4F



960018

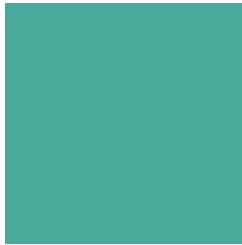


170004



# Previews

## White Background



This preview shows how the Hex color 48AB9B looks on a white background.

## Color Contrast Check

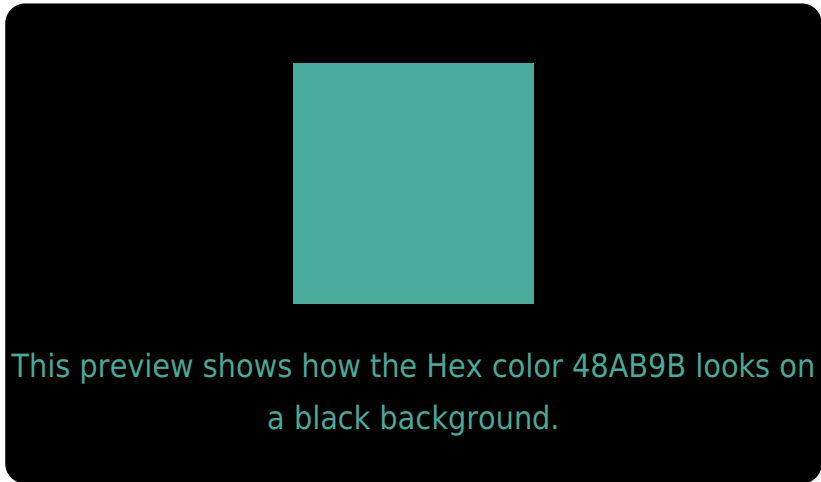
Large Text (above 18pt) WCAG AA × Fail

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

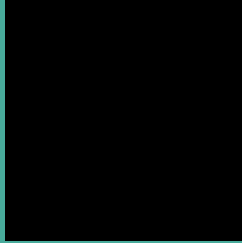
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 48AB9B Background



This preview shows how black text looks on a background with the Hex color 48AB9B.

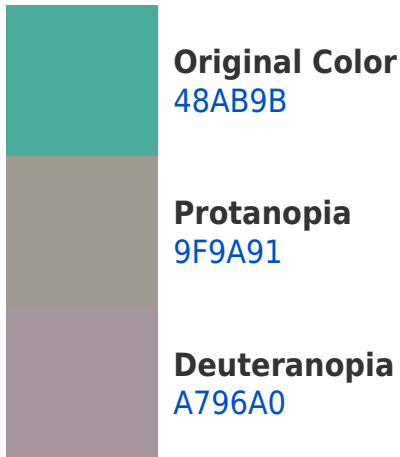


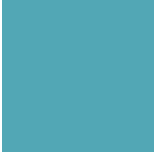
This preview shows how white text looks on a background with the Hex color 48AB9B.

# 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](#).

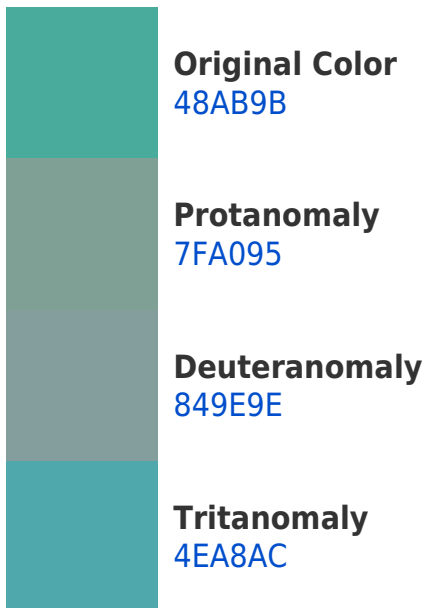
## Dichromacy



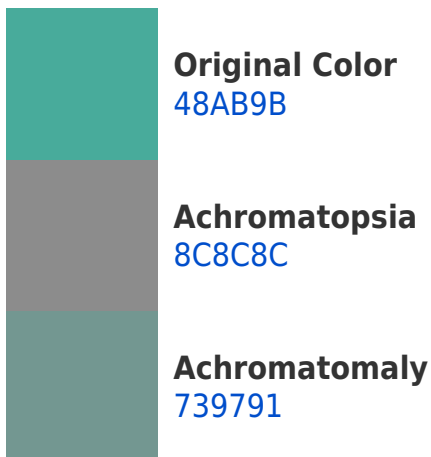


**Tritanopia**  
52A7B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48AB9B 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 #48AB9B looks like.

```
.text, #text, p{  
    color:#48AB9B  
}
```

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 #48AB9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48AB9B
}
```

## Border

The CSS property to change the border of an element to Hex 48AB9B 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
#48AB9B }
```

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

```
.border{ border-color:#48AB9B }
```

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

Here you see how a box with a 4 pixel #48AB9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48AB9B; -webkit-box-shadow:4px 4px  
4px 4px #48AB9B; box-shadow:4px 4px 4px  
4px #48AB9B }
```

# Background

The CSS property to change the background color of an element to Hex 48AB9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48AB9B }
```

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

```
.background{ background-color:#48AB9B }
```

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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