

# Converting Colors

Hex(48A9B5)

Have a look what the booklet for  
Hex(48A9B5) contains.

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**Color**

**Hex(48A9B5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48A9B5
RGB	72, 169, 181
RGB Percent	28%, 66%, 71%
CMY	0.7176, 0.3373, 0.2902
CMYK	0.60, 0.07, 0.00, 0.29
HSL	187°, 43%, 50%
HSV	187°, 60%, 71%
XYZ	25.2009, 33.0898, 48.7748
YIQ	141.3650, -61.6640, -16.8320

# Conversions

## Conversions Part 2

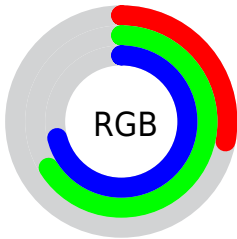
Format	Color
<a href="#">RYB</a>	<a href="#">72, 123, 181</a>
Decimal	<a href="#">4762037</a>
CIELab	<a href="#">64.23, -24.62, -14.70</a>
CIELCh	<a href="#">64, 28.672, 210.834</a>
Yxy	<a href="#">33.0898, 0.2354, 0.3091</a>
Android (android.graphics.Color)	<a href="#">4282952117</a> ( <a href="#">0xFF48A9B5</a> )
YUV	<a href="#">141.3650, 19.5401, -60.8331</a>
Hunter-Lab	<a href="#">57.5238, -22.4664, -10.0058</a>

# Details

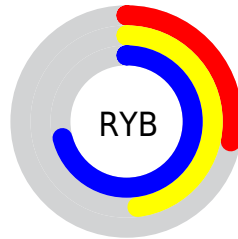
The Hex color **48A9B5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B55448**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **83E1ED**, and **007580** is the 20% darker color. If you saturate the color by 10%, you get **36A7B5**, and if you desaturate by 10%, it is **5AABB5**.

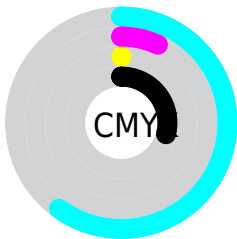
# Distribution



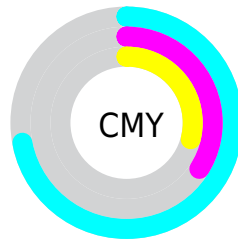
- Red (28%)
- Green (66%)
- Blue (71%)



- Red (28%)
- Yellow (48%)
- Blue (71%)



- Cyan (60%)
- Magenta (7%)
- Yellow (0%)
- Black (29%)



- Cyan (72%)
- Magenta (34%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48A9B5 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 48A9B5 by changing the saturation by 10% instead.



48A9B5

48A9B5

FFFFFF

268E9A

83E1ED

007580

A0FDFF

005C67

BDFFFF

00444F

DBFFFF

002D38

F8FFFF

001923

00000C

000000

48A9B5

48A9B5

36A7B5

5AABB5

24A5B5

6CADB5

12A3B5

7EAFB5

00A1B5

90B1B5

A3B3B5

B5B5B5

C7B7B5

D9B9B5

EBBBB5

# Harmonies

## Analogous

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



57AA9C



48A9B5



57A5C8

# Triad

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



48A9B5



BD8DB5



AD9A68

# Complementary

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



48A9B5



B55448

# 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.



C29270



48A9B5



CD899C

# Square

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



48A9B5



A095C8



CE8B83



92A26F

# Rectangle

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



48A9B5



6EA1CE



CE8B83



B59769



# Sweetspot

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



48A9B5



C0E6EB



48B553



5B7275



F5F5F5



757575



# Same Dimension

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



48A9B5



42D8EB



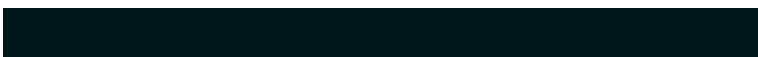
4874B5



505859



008899



00171A



# Inverse Universe

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



B548A9



EB42D8



B58948



595058



990088

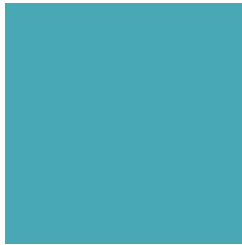


1A0017



# Previews

## White Background



This preview shows how the Hex color 48A9B5 looks on a white background.

## Color Contrast Check

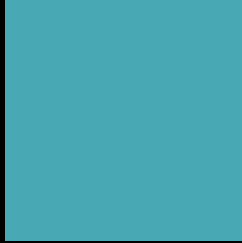
Large Text (above 18pt) WCAG AA × Fail

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 48A9B5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

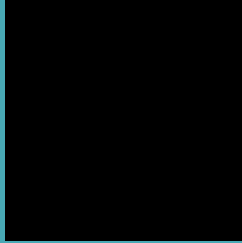
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 48A9B5 Background



This preview shows how black text looks on a background with the Hex color 48A9B5.

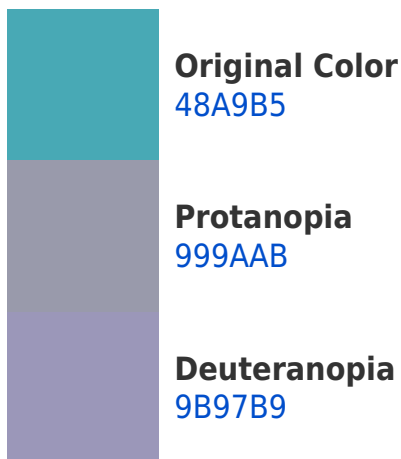


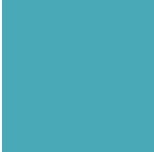
This preview shows how white text looks on a background with the Hex color 48A9B5.

# 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**  
49A9B6

# Trichromacy



**Original Color**  
48A9B5



**Protanomaly**  
7C9FAF



**Deuteranomaly**  
7D9EB8



**Tritanomaly**  
49A9B6

# Monochromacy



**Original Color**  
48A9B5



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
74979C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48A9B5 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 #48A9B5 looks like.

```
.text, #text, p{  
    color:#48A9B5  
}
```

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 #48A9B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48A9B5  
}
```

## Border

The CSS property to change the border of an element to Hex 48A9B5 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  
#48A9B5 }
```

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

```
.border{ border-color:#48A9B5 }
```

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

Here you see how a box with a 4 pixel #48A9B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48A9B5; -webkit-box-shadow:4px 4px  
4px 4px #48A9B5; box-shadow:4px 4px 4px  
4px #48A9B5 }
```

# Background

The CSS property to change the background color of an element to Hex 48A9B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48A9B5 }
```

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

```
.background{ background-color:#48A9B5 }
```

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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