

# Converting Colors

Hex(4AE4B8)

Have a look what the booklet for  
Hex(4AE4B8) contains.

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# Color

**Hex(4AE4B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4AE4B8
RGB	74, 228, 184
RGB Percent	29%, 89%, 72%
CMY	0.7098, 0.1059, 0.2784
CMYK	0.68, 0.00, 0.19, 0.11
HSL	163°, 74%, 59%
HSV	163°, 68%, 89%
XYZ	39.2192, 60.4033, 54.9393
YIQ	176.9380, -77.6600, -46.3320

# Conversions

## Conversions Part 2

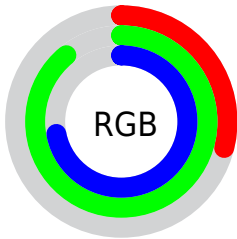
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 164, 228
Decimal	4908216
CIELab	82.06, -50.42, 9.84
CIElCh	82, 51.370, 168.955
Yxy	60.4033, 0.2537, 0.3908
Android (android.graphics.Color)	4283098296 (0xFF4AE4B8)
YUV	176.9380, 3.4816, -90.2766
Hunter-Lab	77.7196, -45.9339, 12.4921

# Details

The Hex color **4AE4B8** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E44A76**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **8CFFF0**, and **00AC83** is the 20% darker color. If you saturate the color by 10%, you get **33E4B1**, and if you desaturate by 10%, it is **61E4BF**.

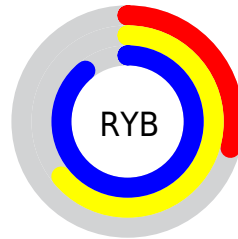
# Distribution



Red (29%)

Green (89%)

Blue (72%)



Red (29%)

Yellow (64%)

Blue (89%)

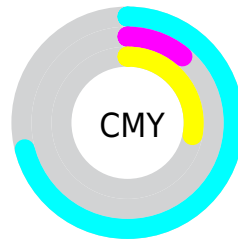


Cyan (68%)

Magenta (0%)

Yellow (19%)

Black (11%)



Cyan (71%)

Magenta (11%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4AE4B8 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 4AE4B8 by changing the saturation by 10% instead.



 4AE4B8

 4AE4B8

FFFFFF

 1CC79D

 8CFFF0

 00AC83

 AAFFFF

 00906A

 C9FFFF

 007652

 E8FFFF

 005C3B

 004325

 002D10

 000E00

 000000

 4AE4B8

 4AE4B8

 33E4B1

 61E4BF

 1CE4AB

 78E4C5

 06E4A4

 8EE4CC

 00E4A3

 A5E4D2

 BCE4D9

 D3E4DF

 EAE4E6

 FFE4EC

 FFE4F3

# Harmonies

## Analogous

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



94DE8B



4AE4B8



00E5EA

# Triad

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



4AE4B8



B5C6FF



FFB285

# Complementary

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



4AE4B8



E44A76

# 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.



FFA6AF



4AE4B8



F7B4FF

# Square

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



4AE4B8



53D6FF



FFA7E0



F9C36C

# Rectangle

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



4AE4B8



00E3FF



FFA7E0



FFAD92

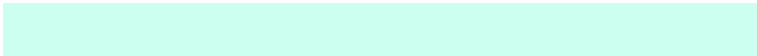


# Sweetspot

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



4AE4B8



CCFFF0



78E44A



618077



000000



808080



# Same Dimension

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



4AE4B8



30FFC4



4AC5E4



67736F



00B380



003324



# Inverse Universe

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



E44A76



FF306B



E4694A



73676B



B30033

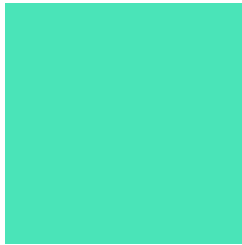


33000F



# Previews

## White Background



This preview shows how the Hex color 4AE4B8 looks on a white background.

## Color Contrast Check

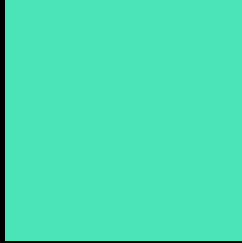
Large Text (above 18pt) WCAG AA × Fail

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 4AE4B8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

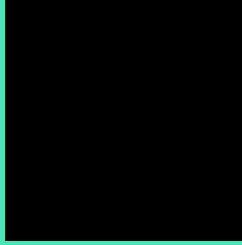
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

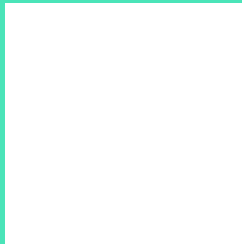
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4AE4B8 Background



This preview shows how black text looks on a background with the Hex color 4AE4B8.

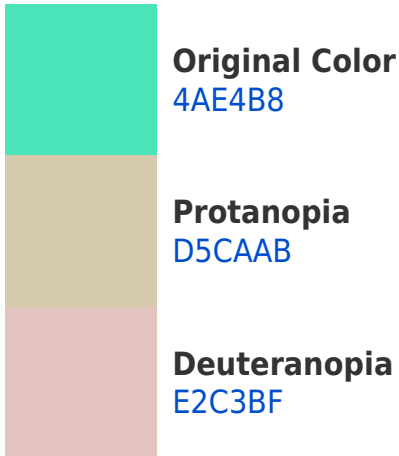


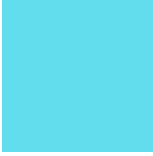
This preview shows how white text looks on a background with the Hex color 4AE4B8.

# 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**  
62DDEE

# Trichromacy



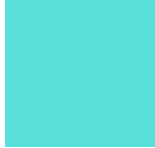
**Original Color**  
4AE4B8



**Protanomaly**  
A2D3B0



**Deuteranomaly**  
ABCFBC

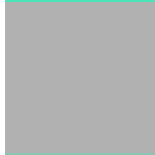


**Tritanomaly**  
59E0DA

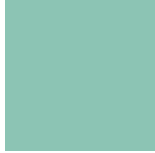
# Monochromacy



**Original Color**  
4AE4B8



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
8CC4B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4AE4B8 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 #4AE4B8 looks like.

```
.text, #text, p{  
    color:#4AE4B8  
}
```

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 #4AE4B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AE4B8
}
```

## Border

The CSS property to change the border of an element to Hex 4AE4B8 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
#4AE4B8 }
```

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

```
.border{ border-color:#4AE4B8 }
```

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

Here you see how a box with a 4 pixel #4AE4B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AE4B8; -webkit-box-shadow:4px 4px  
4px 4px #4AE4B8; box-shadow:4px 4px 4px  
4px #4AE4B8 }
```

# Background

The CSS property to change the background color of an element to Hex 4AE4B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AE4B8 }
```

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

```
.background{ background-color:#4AE4B8 }
```

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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