

# Converting Colors

Hex(4AC1C9)

Have a look what the booklet for  
Hex(4AC1C9) contains.

<b>Hex(4AC1C9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(4AC1C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4AC1C9
RGB	74, 193, 201
RGB Percent	29%, 76%, 79%
CMY	0.7098, 0.2431, 0.2118
CMYK	0.63, 0.04, 0.00, 0.21
HSL	184°, 54%, 54%
HSV	184°, 63%, 79%
XYZ	32.4366, 43.8128, 62.0055
YIQ	158.3310, -73.4920, -22.7400

# Conversions

## Conversions Part 2

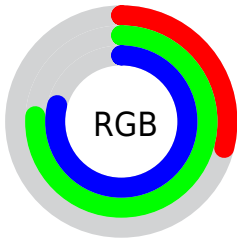
Format	Color
<a href="#">RYB</a>	<a href="#">74, 135, 201</a>
Decimal	<a href="#">4899273</a>
CIELab	<a href="#">72.10, -30.34, -13.87</a>
CIElCh	<a href="#">72, 33.366, 204.569</a>
Yxy	<a href="#">43.8128, 0.2346, 0.3169</a>
Android (android.graphics.Color)	<a href="#">4283089353</a> ( <a href="#">0xFF4AC1C9</a> )
YUV	<a href="#">158.3310, 21.0358, -73.9583</a>
Hunter-Lab	<a href="#">66.1913, -28.3619, -9.2068</a>

# Details

The Hex color **4AC1C9** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **C9524A**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **88FAFF**, and **008B93** is the 20% darker color. If you saturate the color by 10%, you get **36C0C9**, and if you desaturate by 10%, it is **5EC2C9**.

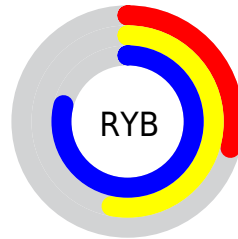
# Distribution



Red (29%)

Green (76%)

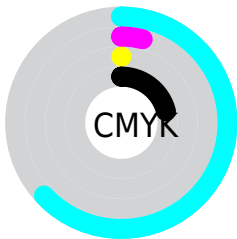
Blue (79%)



Red (29%)

Yellow (53%)

Blue (79%)

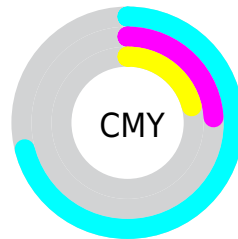


Cyan (63%)

Magenta (4%)

Yellow (0%)

Black (21%)



Cyan (71%)

Magenta (24%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4AC1C9 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 4AC1C9 by changing the saturation by 10% instead.



 4AC1C9

 4AC1C9

FFFFFF

 23A6AE

 88FAFF

 008B93

 A6FFFF

 007179

 C4FFFF

 005861

 E2FFFF

 004049

 002A32

 000F1E

 000001

 000000

■ 4AC1C9

■ 4AC1C9

■ 36C0C9

■ 5EC2C9

■ 22BEC9

■ 72C4C9

■ 0EBDC9

■ 86C5C9

■ 00BCC9

■ 9AC6C9

■ AFC7C9

■ C3C9C9

■ D7CAC9

■ EBCBC9

■ FFCCC9

# Harmonies

## Analogous

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



64C1AA



4AC1C9



55BDE2

# Triad

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



4AC1C9



D2A0D4



CBAD74

# Complementary

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



4AC1C9



C9524A

# 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.



E2A380



4AC1C9



E89AB8

# Square

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



4AC1C9



ADABE8



ED9B99



ACB779

# Rectangle

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



4AC1C9



6FB8EB



ED9B99



D4A976



# Sweetspot

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



4AC1C9



CFFCFF



4AC950



627E80



000000



808080



# Same Dimension

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



4AC1C9



3DF3FF



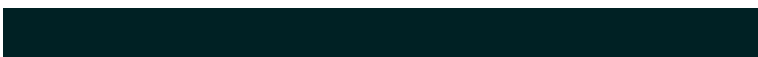
4A83C9



5A6363



0099A3



002124



# Inverse Universe

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



C94AC1



FF3DF3



C9904A



635A63



A30099

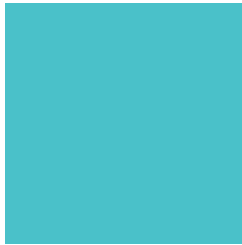


240021



# Previews

## White Background



This preview shows how the Hex color 4AC1C9 looks on a white background.

## Color Contrast Check

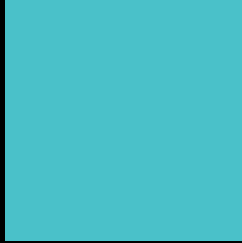
Large Text (above 18pt) WCAG AA × Fail

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 4AC1C9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

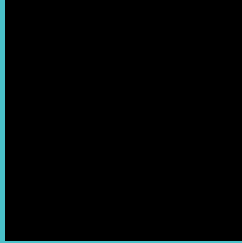
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

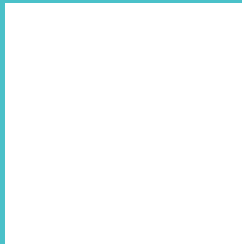
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4AC1C9 Background



This preview shows how black text looks on a background with the Hex color 4AC1C9.

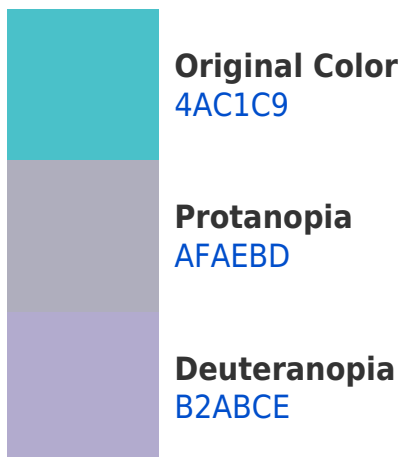


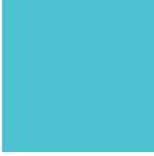
This preview shows how white text looks on a background with the Hex color 4AC1C9.

# 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](#).

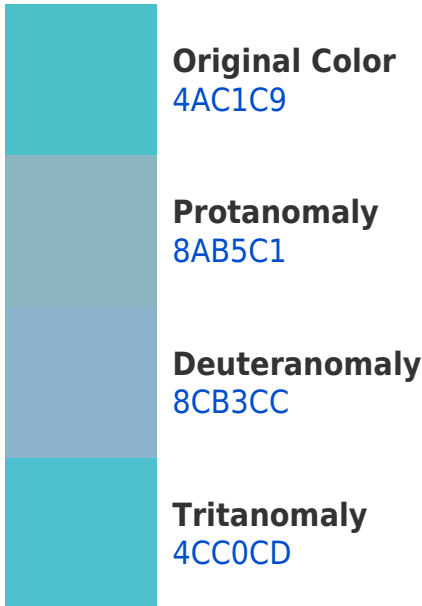
## Dichromacy





**Tritanopia**  
4DC0D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4AC1C9 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 #4AC1C9 looks like.

```
.text, #text, p{  
    color:#4AC1C9  
}
```

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 #4AC1C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AC1C9
}
```

## Border

The CSS property to change the border of an element to Hex 4AC1C9 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
#4AC1C9 }
```

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

```
.border{ border-color:#4AC1C9 }
```

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

Here you see how a box with a 4 pixel #4AC1C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AC1C9; -webkit-box-shadow:4px 4px  
4px 4px #4AC1C9; box-shadow:4px 4px 4px  
4px #4AC1C9 }
```

# Background

The CSS property to change the background color of an element to Hex 4AC1C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AC1C9 }
```

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

```
.background{ background-color:#4AC1C9 }
```

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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