

# Converting Colors

Hex(49CCD0)

Have a look what the booklet for  
Hex(49CCD0) contains.

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# Color

Hex(49CCD0)

# Conversions

## Conversions Part 1

Format	Color
Hex	49CCD0
RGB	73, 204, 208
RGB Percent	29%, 80%, 82%
CMY	0.7137, 0.2000, 0.1843
CMYK	0.65, 0.02, 0.00, 0.18
HSL	182°, 59%, 55%
HSV	182°, 65%, 82%
XYZ	35.7257, 49.1563, 67.2797
YIQ	165.2870, -79.3600, -26.5280

# Conversions

## Conversions Part 2

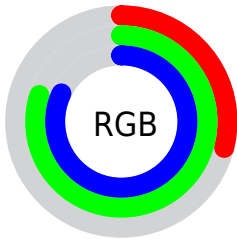
Format	Color
<a href="#">RYB</a>	<a href="#">73, 139, 208</a>
Decimal	<a href="#">4836560</a>
CIELab	<a href="#">75.55, -33.76, -12.51</a>
CIELCh	<a href="#">76, 36.005, 200.325</a>
Yxy	<a href="#">49.1563, 0.2348, 0.3231</a>
Android (android.graphics.Color)	<a href="#">4283026640 (0xFF49CCD0)</a>
YUV	<a href="#">165.2870, 21.0575, -80.9357</a>
Hunter-Lab	<a href="#">70.1115, -31.7396, -7.8172</a>

# Details

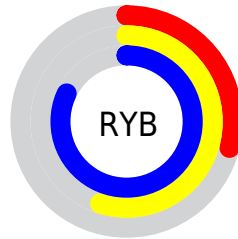
The Hex color **49CCD0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D04D49**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **89FFFF**, and **00959A** is the 20% darker color. If you saturate the color by 10%, you get **34CBD0**, and if you desaturate by 10%, it is **5ECDD0**.

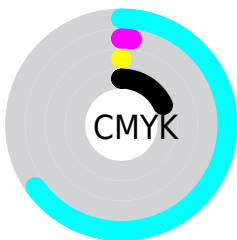
# Distribution



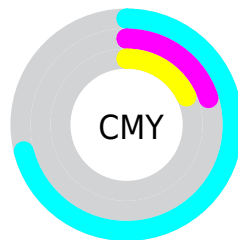
- Red (29%)
- Green (80%)
- Blue (82%)



- Red (29%)
- Yellow (55%)
- Blue (82%)



- Cyan (65%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (71%)
- Magenta (20%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49CCD0 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 49CCD0 by changing the saturation by 10% instead.



 49CCD0

 49CCD0

FFFFFF

 1EB0B4

 89FFFF

 00959A

 A8FFFF

 007B80

 C6FFFF

 006267

 E4FFFF

 00494F

 003238

 001D22

 00000C

 000000

 49CCD0

 49CCD0

 34CBD0

 5ECDD0

 1FCBD0

 73CDD0

 0BCAD0

 87CED0

 00CAD0

 9CCED0

 B1CFD0

 C6D0D0

 DBD0D0

 EFD1D0

 FFD2D0

# Harmonies

## Analogous

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



6BCCA E



49CCD 0



4EC8E C

# Triad

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



49CCD0



DAAAE5



DBB479

# Complementary

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



49CCD0



D04D49

# 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.



F2A988



49CCD0



F4A2C6

# Square

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



49CCD0



AFB5F8



FCA2A5



BABF7B

# Rectangle

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



49CCD0



6AC4F8



FCA2A5



E4B17C



# Sweetspot

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



49CCD0



CFFEFF



49D04B



627F80



000000



808080



# Same Dimension

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



49CCD0



38F9FF



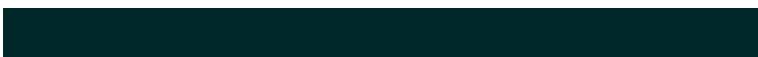
498AD0



5E6869



00A3A8



002829



# Inverse Universe

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



D049CC



FF38F9



D08F49



695E68



A800A3

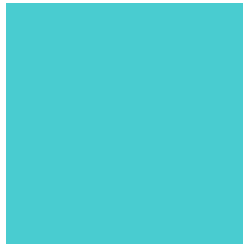


290028



# Previews

## White Background



This preview shows how the Hex color 49CCD0 looks on a white background.

## Color Contrast Check

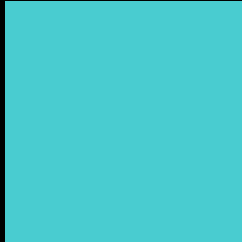
Large Text (above 18pt) WCAG AA × Fail

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 49CCD0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

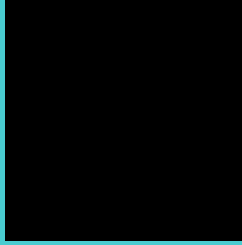
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

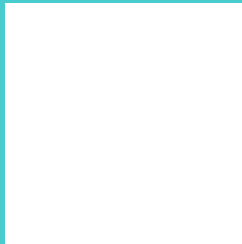
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 49CCD0 Background



This preview shows how black text looks on a background with the Hex color 49CCD0.

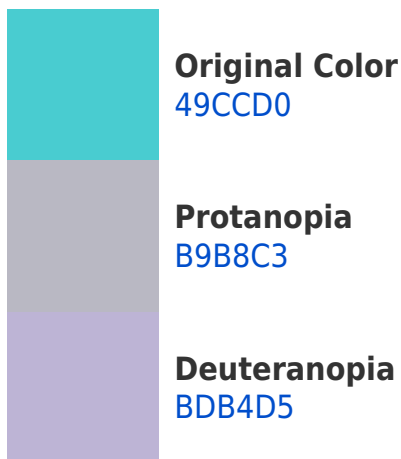


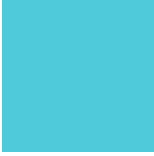
This preview shows how white text looks on a background with the Hex color 49CCD0.

# 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

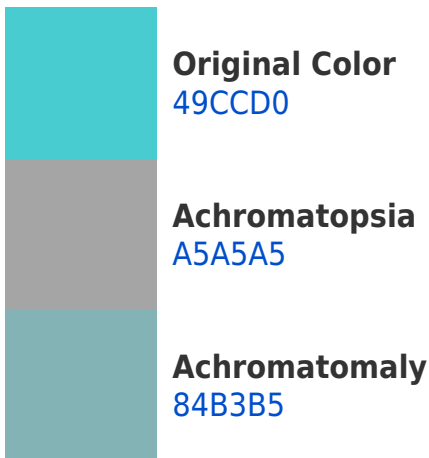




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49CCD0 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 #49CCD0 looks like.

```
.text, #text, p{  
    color:#49CCD0  
}
```

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 #49CCD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49CCD0
}
```

## Border

The CSS property to change the border of an element to Hex 49CCD0 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
#49CCD0 }
```

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

```
.border{ border-color:#49CCD0 }
```

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

Here you see how a box with a 4 pixel #49CCD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49CCD0; -webkit-box-shadow:4px 4px  
4px 4px #49CCD0; box-shadow:4px 4px 4px  
4px #49CCD0 }
```

# Background

The CSS property to change the background color of an element to Hex 49CCD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49CCD0 }
```

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

```
.background{ background-color:#49CCD0 }
```

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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