

# Converting Colors

Hex(49CEDF)

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

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# Color

Hex(49CEDF)

# Conversions

## Conversions Part 1

Format	Color
Hex	49CEDF
RGB	73, 206, 223
RGB Percent	29%, 81%, 87%
CMY	0.7137, 0.1922, 0.1255
CMYK	0.67, 0.08, 0.00, 0.13
HSL	187°, 70%, 58%
HSV	187°, 67%, 87%
XYZ	38.1382, 50.8868, 77.6241
YIQ	168.1710, -84.7250, -22.9090

# Conversions

## Conversions Part 2

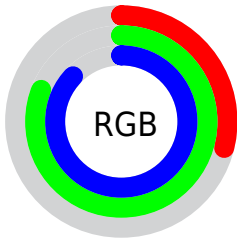
Format	Color
<a href="#">RYB</a>	<a href="#">73, 143, 223</a>
Decimal	<a href="#">4837087</a>
CIELab	<a href="#">76.61, -30.39, -18.99</a>
CIElCh	<a href="#">77, 35.840, 212.001</a>
Yxy	<a href="#">50.8868, 0.2289, 0.3054</a>
Android (android.graphics.Color)	<a href="#">4283027167</a> ( <a href="#">0xFF49CEDF</a> )
YUV	<a href="#">168.1710, 27.0307, -83.4650</a>
Hunter-Lab	<a href="#">71.3350, -29.4037, -14.5827</a>

# Details

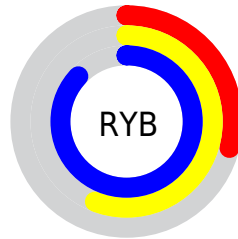
The Hex color **49CEDF** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **DF5A49**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **8BFFFF**, and **0097A8** is the 20% darker color. If you saturate the color by 10%, you get **33CBDF**, and if you desaturate by 10%, it is **5FD1DF**.

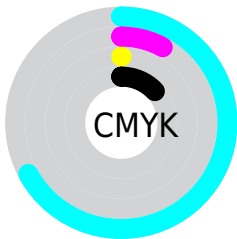
# Distribution



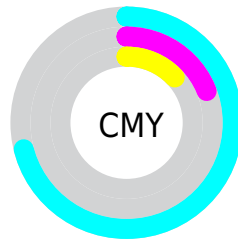
- Red (29%)
- Green (81%)
- Blue (87%)



- Red (29%)
- Yellow (56%)
- Blue (87%)



- Cyan (67%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (71%)
- Magenta (19%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



 49CEDF

 49CEDF

FFFFFF

 1AB2C3

 8BFFFF

 0097A8

 AAFFFF

 007D8D

 C8FFFF

 006474

 E7FFFF

 004B5B

 003444

 00212D

 000119

 000000

 49CEDF

 49CEDF

 33CBDF

 5FD1DF

 1CC9DF

 76D3DF

 06C6DF

 8CD6DF

 00C6DF

 A2D8DF

 B9DBDF

 CFDDDF

 E5E0DF

 FBE2DF

 FFE5DF

# Harmonies

## Analogous

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



60CFBE



49CEDF



61C9F7

# Triad

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



49CEDF



E9A9DD



D2BC7A

# Complementary

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



49CEDF



DF5A49

# 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.



EDB083



49CEDF



FCA4BC

# Square

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



49CEDF



C4B4F5



FDA79C



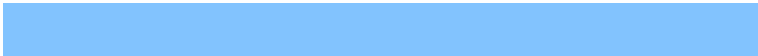
AEC684

# Rectangle

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



49CEDF



82C3FE



FDA79C



DCB87B

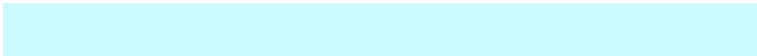


# Sweetspot

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



49CEDF



CCF9FF



49DF58



617C80



000000



808080

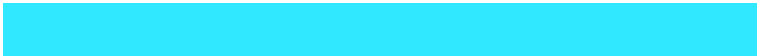


# Same Dimension

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



49CEDF



30E8FF



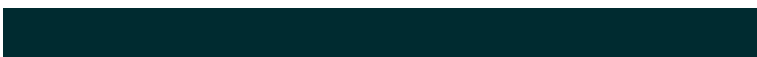
4985DF



656F70



009CB0



002B30



# Inverse Universe

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



DF49CE



FF30E8



DFA349



70656F



B0009C

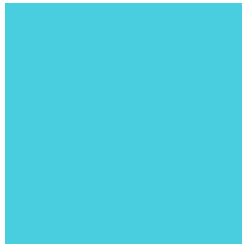


30002B



# Previews

## White Background



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

## Color Contrast Check

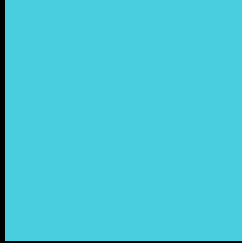
Large Text (above 18pt) WCAG AA × Fail

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 49CEDF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

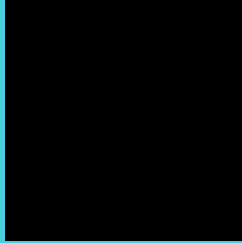
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 49CEDF Background



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

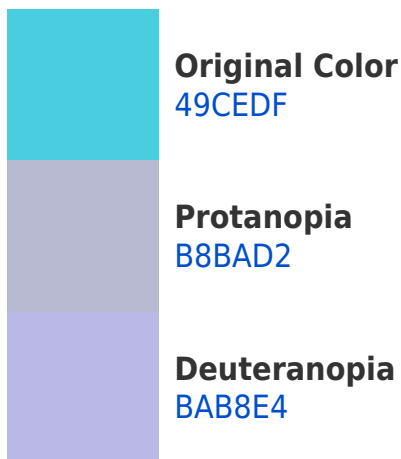


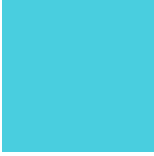
This preview shows how white text looks on a background with the Hex color 49CEDF.

# 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](#).

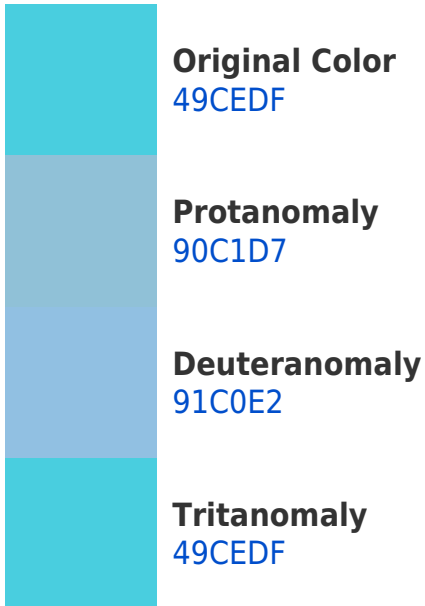
## Dichromacy





**Tritanopia**  
49CEDF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #49CEDF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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