

# Converting Colors

Hex(39ADCE)

Have a look what the booklet for  
Hex(39ADCE) contains.

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**Color**

**Hex(39ADCE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39ADCE
RGB	57, 173, 206
RGB Percent	22%, 68%, 81%
CMY	0.7765, 0.3216, 0.1922
CMYK	0.72, 0.16, 0.00, 0.19
HSL	193°, 60%, 52%
HSV	193°, 72%, 81%
XYZ	27.7715, 35.2132, 63.7256
YIQ	142.0780, -79.7290, -14.3290

# Conversions

## Conversions Part 2

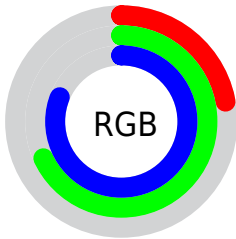
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 122, 206
Decimal	3780046
CIELab	65.91, -21.29, -26.06
CIELCh	66, 33.656, 230.750
Yxy	35.2132, 0.2192, 0.2779
Android (android.graphics.Color)	4281970126 (0xFF39ADCE)
YUV	142.0780, 31.5135, -74.6134
Hunter-Lab	59.3407, -20.3082, -22.1326

# Details

The Hex color **39ADCE** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **CE5A39**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **7BE5FF**, and **007898** is the 20% darker color. If you saturate the color by 10%, you get **24A8CE**, and if you desaturate by 10%, it is **4EB2CE**.

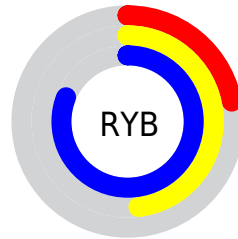
# Distribution



Red (22%)

Green (68%)

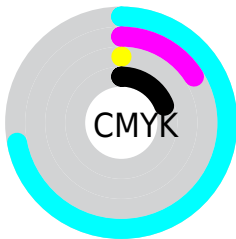
Blue (81%)



Red (22%)

Yellow (48%)

Blue (81%)

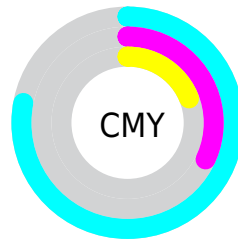


Cyan (72%)

Magenta (16%)

Yellow (0%)

Black (19%)



Cyan (78%)

Magenta (32%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39ADCE 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 39ADCE by changing the saturation by 10% instead.



 39ADCE

 39ADCE

FFFFFF

 0092B2

 7BE5FF

 007898

 9AFFFF

 00607E

 B8FFFF

 004865

 D6FFFF

 00314C

 F5FFFF

 001E35

 000220

 000004

 000000

■ 39ADCE

■ 39ADCE

■ 24A8CE

■ 4EB2CE

■ 10A4CE

■ 62B6CE

■ 00A0CE

■ 77BBCE

■ 8BBFCE

■ A0C4CE

■ B5C8CE

■ C9CDCE

■ DED1CE

■ F2D6CE

# Harmonies

## Analogous

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



34B0B4



39ADCE



66A6DB

# Triad

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



39ADCE



D58AAB



9FA567

# Complementary

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



39ADCE



CE5A39

# 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.



BD9B65



39ADCE



DC8A8C

# Square

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



39ADCE



BD91C7



D39173



7DAC79

# Rectangle

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



39ADCE



879FDB



D39173



AAA264

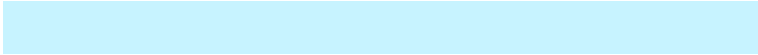


# Sweetspot

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



39ADCE



C7F3FF



39CE59



5E7880



000000



808080



# Same Dimension

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



39ADCE



21CEFF



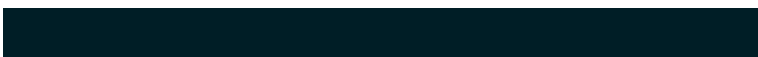
3963CE



5C6466



0081A6



001E26



# Inverse Universe

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



CE39AD



FF21CE



CEA439



665C64



A60081



26001E



# Previews

## White Background



This preview shows how the Hex color 39ADCE looks on a white background.

## Color Contrast Check

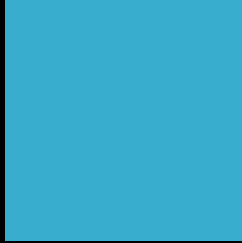
Large Text (above 18pt) WCAG AA × Fail

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 39ADCE 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 39ADCE Background



This preview shows how black text looks on a background with the Hex color 39ADCE.

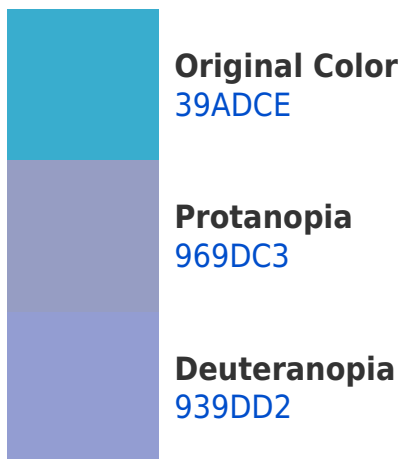


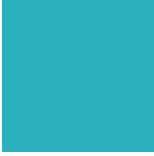
This preview shows how white text looks on a background with the Hex color 39ADCE.

# 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](#).

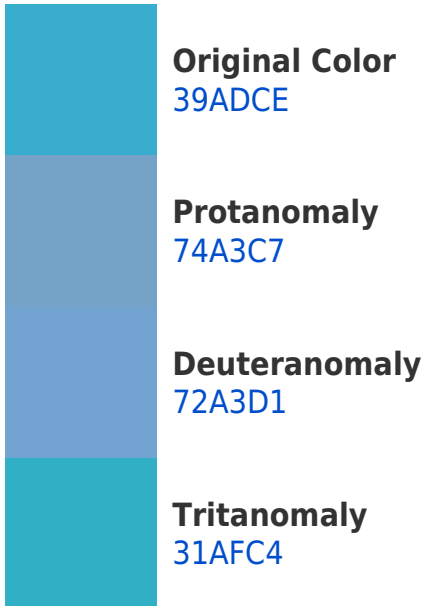
## Dichromacy



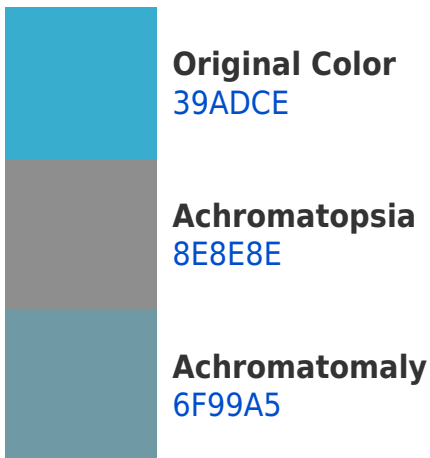


**Tritanopia**  
2DB0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39ADCE 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 #39ADCE looks like.

```
.text, #text, p{  
    color:#39ADCE  
}
```

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 #39ADCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39ADCE
}
```

## Border

The CSS property to change the border of an element to Hex 39ADCE 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
#39ADCE }
```

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

```
.border{ border-color:#39ADCE }
```

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

Here you see how a box with a 4 pixel #39ADCE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39ADCE; -webkit-box-shadow:4px 4px  
4px 4px #39ADCE; box-shadow:4px 4px 4px  
4px #39ADCE }
```

# Background

The CSS property to change the background color of an element to Hex 39ADCE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39ADCE }
```

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

```
.background{ background-color:#39ADCE }
```

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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