

# Converting Colors

Hex(39A1D9)

Have a look what the booklet for  
Hex(39A1D9) contains.

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# **Color**

**Hex(39A1D9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	39A1D9
RGB	57, 161, 217
RGB Percent	22%, 63%, 85%
CMY	0.7765, 0.3686, 0.1490
CMYK	0.74, 0.26, 0.00, 0.15
HSL	201°, 68%, 54%
HSV	201°, 74%, 85%
XYZ	26.9566, 31.3693, 70.2798
YIQ	136.2880, -79.9600, -4.6320

# Conversions

## Conversions Part 2

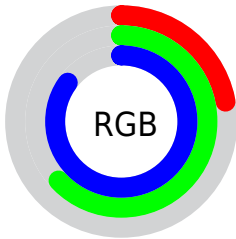
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	57, 120, 217
Decimal	3776985
CIE Lab	62.82, -11.23, -36.95
CIE LCh	63, 38.618, 253.101
Yxy	31.3693, 0.2096, 0.2439
Android (android.graphics.Color)	4281967065 (0xFF39A1D9)
YUV	136.2880, 39.7910, -69.5356
Hunter-Lab	56.0083, -12.1033, -35.1918

# Details

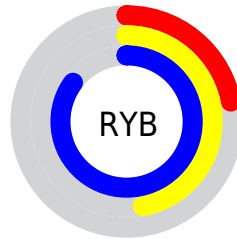
The Hex color **39A1D9** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **D97139**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **7CD8FF**, and **006EA2** is the 20% darker color. If you saturate the color by 10%, you get **2399D9**, and if you desaturate by 10%, it is **4FA9D9**.

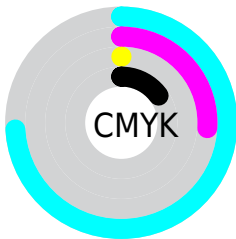
# Distribution



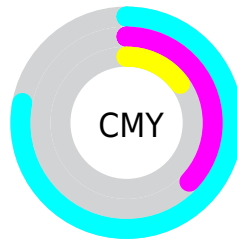
- Red (22%)
- Green (63%)
- Blue (85%)



- Red (22%)
- Yellow (47%)
- Blue (85%)



- Cyan (74%)
- Magenta (26%)
- Yellow (0%)
- Black (15%)



- Cyan (78%)
- Magenta (37%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39A1D9 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 39A1D9 by changing the saturation by 10% instead.



■ 39A1D9

■ 39A1D9

FFFFFF

■ 0087BD

■ 7CD8FF

■ 006EA2

■ 9BF4FF

■ 005587

■ B9FFFF

■ 003E6E

■ D7FFFF

■ 002955

■ F6FFFF

■ 00153E

■ 000327

■ 000111

■ 000000

■ 39A1D9

■ 39A1D9

■ 2399D9

■ 4FA9D9

■ 0E92D9

■ 64B0D9

■ 008DD9

■ 7AB8D9

■ 90BFD9

■ A5C7D9

■ BBCFD9

■ D1D6D9

■ E7DED9

■ FCE5D9

# Harmonies

## Analogous

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



00A8C6



39A1D9



7D96DB

# Triad

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



39A1D9



DA7D8A



79A464

# Complementary

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



39A1D9



D97139

# 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.



9F9B54



39A1D9



D4846B

# Square

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



39A1D9



CE7FAD



BE8F56



4BA983

# Rectangle

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



39A1D9



A08ED1



BE8F56



86A15D

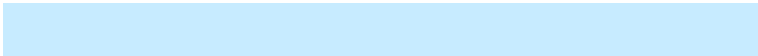


# Sweetspot

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



39A1D9



C7EBFF



39D971



5E7480



000000



808080



# Same Dimension

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



39A1D9



1FB0FF



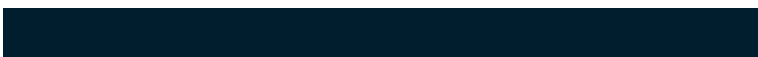
3951D9



636A6E



0071AD



001E2E



# Inverse Universe

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



D939A1



FF1FB0



D9C139



6E636A



AD0071



2E001E



# Previews

## White Background



This preview shows how the Hex color 39A1D9 looks on a white background.

## Color Contrast Check

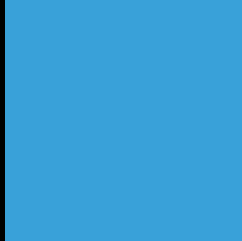
Large Text (above 18pt) WCAG AA × Fail

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 39A1D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

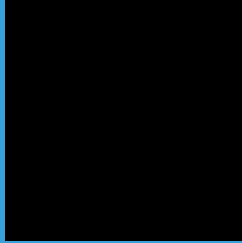
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

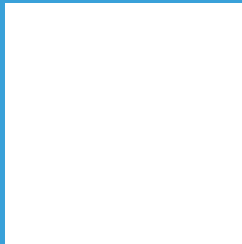
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 39A1D9 Background



This preview shows how black text looks on a background with the Hex color 39A1D9.

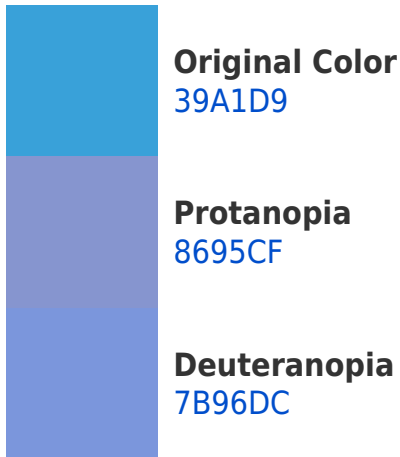


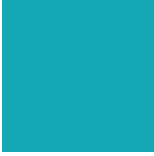
This preview shows how white text looks on a background with the Hex color 39A1D9.

# 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](#).

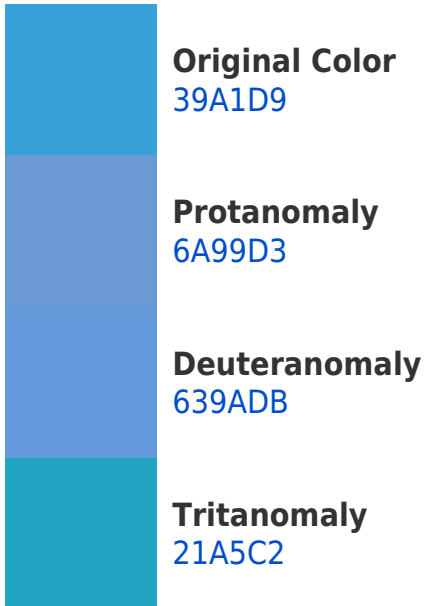
## Dichromacy



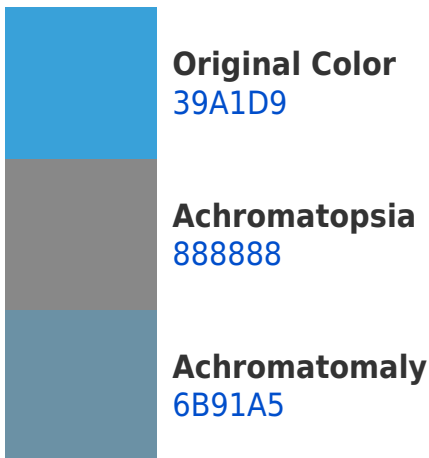


**Tritanopia**  
14A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39A1D9 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 #39A1D9 looks like.

```
.text, #text, p{  
    color:#39A1D9  
}
```

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 #39A1D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39A1D9
}
```

## Border

The CSS property to change the border of an element to Hex 39A1D9 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
#39A1D9 }
```

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

```
.border{ border-color:#39A1D9 }
```

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

Here you see how a box with a 4 pixel #39A1D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39A1D9; -webkit-box-shadow:4px 4px  
4px 4px #39A1D9; box-shadow:4px 4px 4px  
4px #39A1D9 }
```

# Background

The CSS property to change the background color of an element to Hex 39A1D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39A1D9 }
```

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

```
.background{ background-color:#39A1D9 }
```

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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