

Converting Colors

Hex(39A1C1)

Have a look what the booklet for
Hex(39A1C1) contains.

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Color

Hex(39A1C1)

Conversions

Conversions Part 1

Format	Color
Hex	39A1C1
RGB	57, 161, 193
RGB Percent	22%, 63%, 76%
CMY	0.7765, 0.3686, 0.2431
CMYK	0.70, 0.17, 0.00, 0.24
HSL	194°, 54%, 49%
HSV	194°, 70%, 76%
XYZ	24.0579, 30.2099, 55.0152
YIQ	133.5520, -72.2560, -12.0960

Conversions

Conversions Part 2

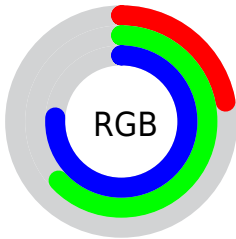
Format	Color
RYB	57, 116, 193
Decimal	3776961
CIELab	61.83, -19.21, -25.10
CIELCh	62, 31.607, 232.566
Yxy	30.2099, 0.2201, 0.2764
Android (android.graphics.Color)	4281967041 (0xFF39A1C1)
YUV	133.5520, 29.3079, -67.1361
Hunter-Lab	54.9635, -18.0556, -20.8713

Details

The Hex color **39A1C1** 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 **C15939**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **79D8FA**, and **006D8B** is the 20% darker color. If you saturate the color by 10%, you get **269CC1**, and if you desaturate by 10%, it is **4CA6C1**.

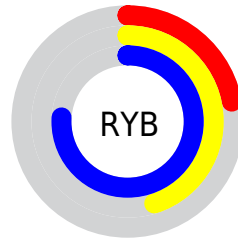
Distribution



Red (22%)

Green (63%)

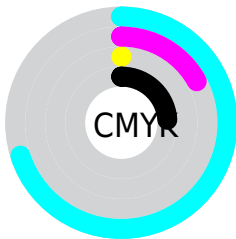
Blue (76%)



Red (22%)

Yellow (45%)

Blue (76%)

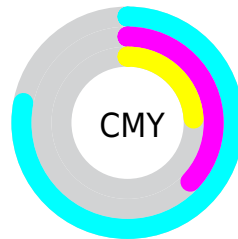


Cyan (70%)

Magenta (17%)

Yellow (0%)

Black (24%)



Cyan (78%)

Magenta (37%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39A1C1 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 39A1C1 by changing the saturation by 10% instead.

■ 39A1C1

■ 39A1C1

FFFFFF

■ 0187A6

■ 79D8FA

■ 006D8B

■ 97F4FF

■ 005572

■ B4FFFF

■ 003D59

■ D2FFFF

■ 002742

■ F0FFFF

■ 000F2B

■ 000116

■ 000000

■ 39A1C1

■ 39A1C1

■ 269CC1

■ 4CA6C1

■ 1298C1

■ 60AAC1

■ 0094C1

■ 73AFC1

■ 86B3C1

■ 9AB8C1

■ ADBCC1

■ C0C1C1

■ D3C5C1

■ E7CAC1

Harmonies

Analogous

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



31A4AA



39A1C1



639ACC

Triad

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



39A1C1



C7819E



939A61

Complementary

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



39A1C1



C15939

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.



AF915E



39A1C1



CD8181

Square

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



39A1C1



B287B8



C3886A



72A172

Rectangle

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



39A1C1



8194CC



C3886A



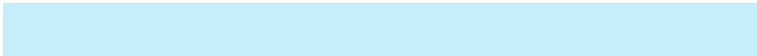
9D975E

Sweetspot

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



39A1C1



C5EEFA



39C159



5E767D



FCFCFC



7D7D7D

Same Dimension

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



39A1C1



25C8FA



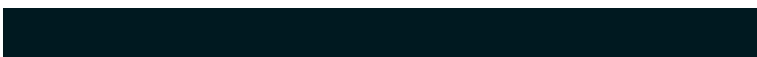
395DC1



575F61



007BA1



001921

Inverse Universe

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



C139A1



FA25C8



C19D39



61575F



A1007B



210019

Previews

White Background



This preview shows how the Hex color 39A1C1 looks on a white background.

Color Contrast Check

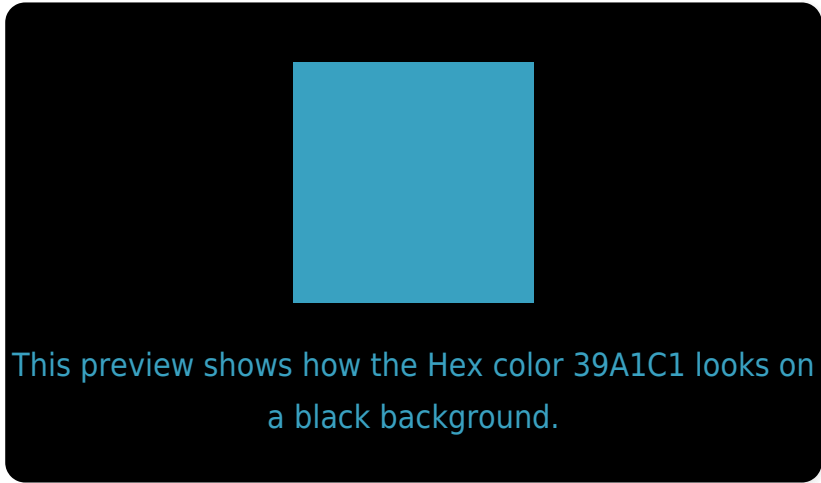
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

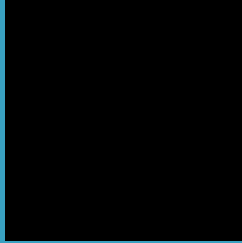
Any Text WCAG AA ✓ Pass

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 39A1C1 Background



This preview shows how black text looks on a background with the Hex color 39A1C1.

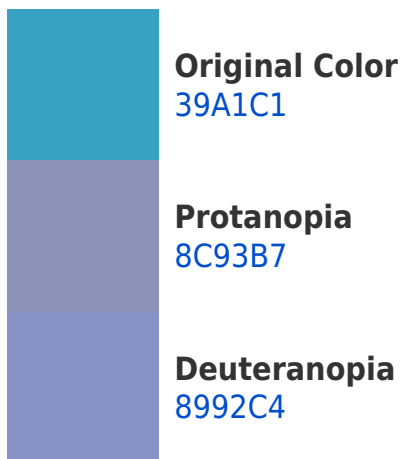


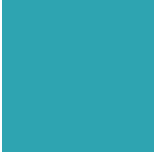
This preview shows how white text looks on a background with the Hex color 39A1C1.

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



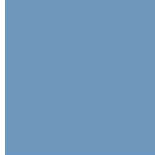


Tritanopia
2EA4B1

Trichromacy



Original Color
39A1C1



Protanomaly
6E98BB



Deuteranomaly
6C97C3



Tritanomaly
32A3B7

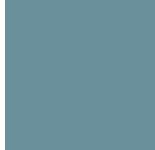
Monochromacy



Original Color
39A1C1



Achromatopsia
868686



Achromatomaly
6A909B

CSS Examples

Text

The CSS property to change the color of the text to Hex 39A1C1 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 #39A1C1 looks like.

```
.text, #text, p{  
    color:#39A1C1  
}
```

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 #39A1C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39A1C1
}
```

Border

The CSS property to change the border of an element to Hex 39A1C1 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
#39A1C1 }
```

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

```
.border{ border-color:#39A1C1 }
```

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

Here you see how a box with a 4 pixel #39A1C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39A1C1; -webkit-box-shadow:4px 4px  
4px 4px #39A1C1; box-shadow:4px 4px 4px  
4px #39A1C1 }
```

Background

The CSS property to change the background color of an element to Hex 39A1C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39A1C1 }
```

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

```
.background{ background-color:#39A1C1 }
```

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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