

Converting Colors

Hex(39AACA)

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

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Color

Hex(39AACA)

Conversions

Conversions Part 1

Format	Color
Hex	39AACA
RGB	57, 170, 202
RGB Percent	22%, 67%, 79%
CMY	0.7765, 0.3333, 0.2078
CMYK	0.72, 0.16, 0.00, 0.21
HSL	193°, 58%, 51%
HSV	193°, 72%, 79%
XYZ	26.7227, 33.8836, 61.0089
YIQ	139.8610, -77.6200, -14.0040

Conversions

Conversions Part 2

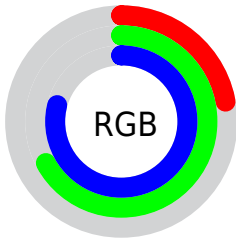
Format	Color
RYB	57, 121, 202
Decimal	3779274
CIELab	64.87, -21.02, -25.45
CIELCh	65, 33.011, 230.443
Yxy	33.8836, 0.2197, 0.2786
Android (android.graphics.Color)	4281969354 (0xFF39AACA)
YUV	139.8610, 30.6345, -72.6691
Hunter-Lab	58.2096, -19.9214, -21.3945

Details

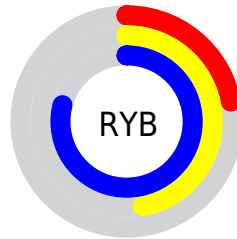
The Hex color **39AACA** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **CA5939**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **7BE1FF**, and **007694** is the 20% darker color. If you saturate the color by 10%, you get **25A6CA**, and if you desaturate by 10%, it is **4DAECA**.

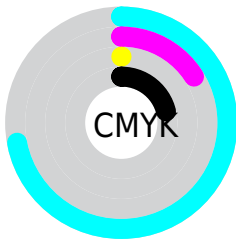
Distribution



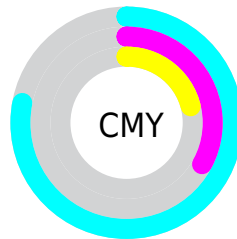
- Red (22%)
- Green (67%)
- Blue (79%)



- Red (22%)
- Yellow (47%)
- Blue (79%)



- Cyan (72%)
- Magenta (16%)
- Yellow (0%)
- Black (21%)



- Cyan (78%)
- Magenta (33%)
- Yellow (21%)

Brightness & Saturation Gradients

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

 39AACA

 39AACA

FFFFFF

 008FAF

 7BE1FF

 007694

 99FEFF

 005D7A

 B7FFFF

 004561

 D5FFFF

 002E49

 F3FFFF

 001C32

 00021D

 000000

 39AACA

 39AACA

■ 25A6CA

■ 4DAECA

■ 11A1CA

■ 61B3CA

■ 009DCA

■ 76B7CA

■ 8ABCCA

■ 9EC0CA

■ B2C5CA

■ C6C9CA

■ DBCECA

■ EFD2CA

Harmonies

Analogous

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



35ADB1



39AACA



65A3D7

Triad

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



39AACA



D188A8



9DA265

Complementary

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



39AACA



CA5939

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.



BA9863



39AACA



D8888A

Square

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



39AACA



BA8FC3



CF8E71



7BA977

Rectangle

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



39AACA



859DD7



CF8E71



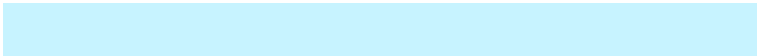
A79F63

Sweetspot

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



39AACA



C7F3FF



39CA58



5E7880



000000



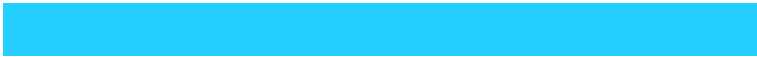
808080

Same Dimension

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



39AACA



24CFFF



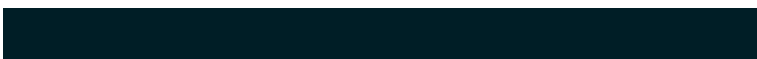
3962CA



5C6466



0081A6



001E26

Inverse Universe

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



CA39AA



FF24CF



CAA139



665C64



A60081



26001E

Previews

White Background



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

Color Contrast Check

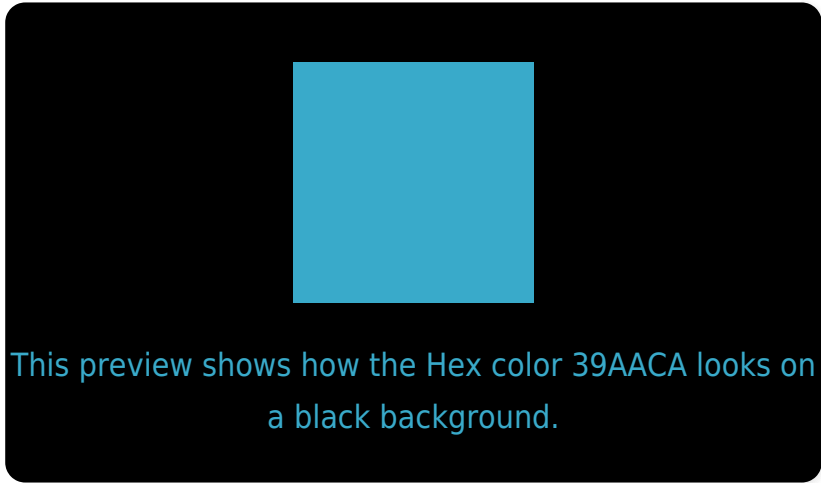
Large Text (above 18pt) WCAG AA × Fail

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 39AACA Background



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

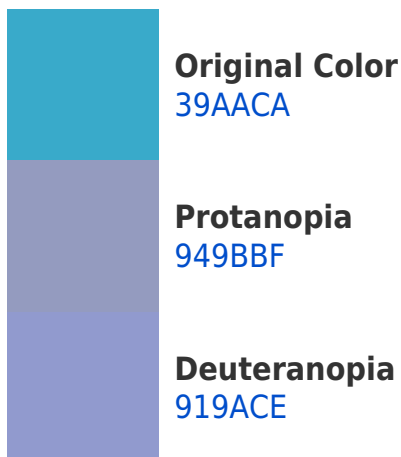


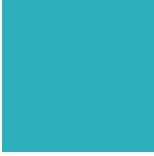
This preview shows how white text looks on a background with the Hex color 39AACA.

Color Blindness Simulation

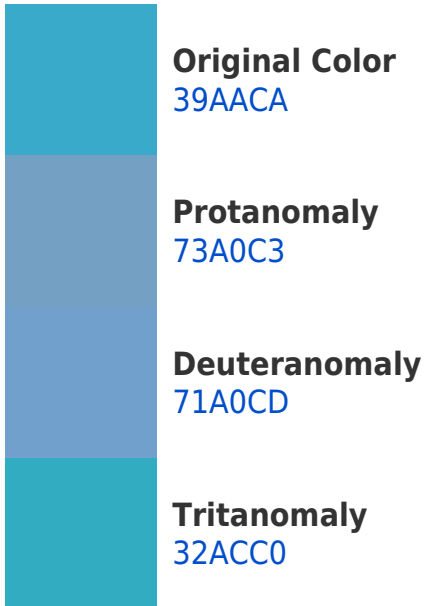
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

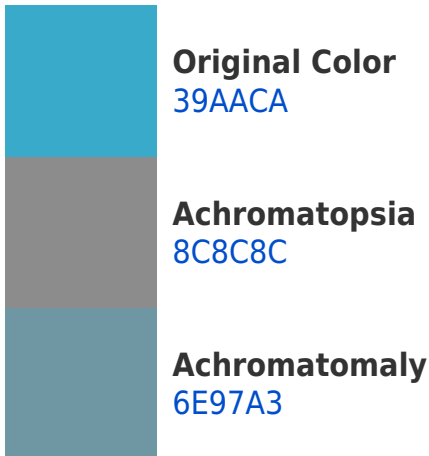




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #39AACA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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