

Converting Colors

Hex(39AAB6)

Have a look what the booklet for
Hex(39AAB6) contains.

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Color

Hex(39AAB6)

Conversions

Conversions Part 1

Format	Color
Hex	39AAB6
RGB	57, 170, 182
RGB Percent	22%, 67%, 71%
CMY	0.7765, 0.3333, 0.2863
CMYK	0.69, 0.07, 0.00, 0.29
HSL	186°, 52%, 47%
HSV	186°, 69%, 71%
XYZ	24.5056, 32.9967, 49.3334
YIQ	137.5810, -71.2000, -20.2240

Conversions

Conversions Part 2

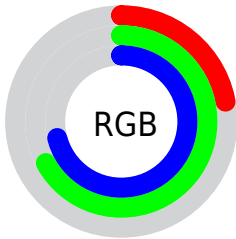
Format	Color
RYB	57, 116, 182
Decimal	3779254
CIELab	64.16, -27.28, -15.41
CIELCh	64, 31.327, 209.461
Yxy	32.9967, 0.2294, 0.3089
Android (android.graphics.Color)	4281969334 (0xFF39AAB6)
YUV	137.5810, 21.8986, -70.6695
Hunter-Lab	57.4428, -24.3752, -10.7099

Details

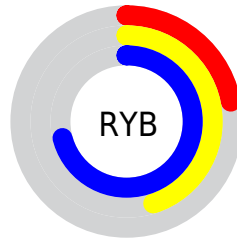
The Hex color **39AAB6** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B64539**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **78E2EE**, and **007581** is the 20% darker color. If you saturate the color by 10%, you get **27A8B6**, and if you desaturate by 10%, it is **4BACB6**.

Distribution



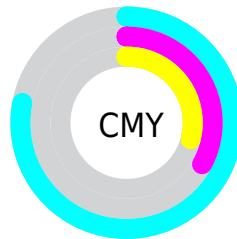
- Red (22%)
- Green (67%)
- Blue (71%)



- Red (22%)
- Yellow (45%)
- Blue (71%)



- Cyan (69%)
- Magenta (7%)
- Yellow (0%)
- Black (29%)



- Cyan (78%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39AAB6 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 39AAB6 by changing the saturation by 10% instead.

 39AAB6

 39AAB6

FFFFFF

 038F9B

 78E2EE

 007581

 96FEFF

 005C68

 B4FFFF

 004450

 D1FFFF

 002D39

 EFFFFFF

 001823

 00010D

 000000

 39AAB6

 39AAB6

■ 27A8B6

■ 4BACB6

■ 15A7B6

■ 5DADB6

■ 02A5B6

■ 70AFB6

■ 00A5B6

■ 82B1B6

■ 94B3B6

■ A6B4B6

■ B8B6B6

■ CBB8B6

■ DDBAB6

Harmonies

Analogous

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



4FAB9A



39AAB6



4AA6CB

Triad

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



39AAB6



BE8BB8



AF9A63

Complementary

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



39AAB6



B64539

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.



C6906C



39AAB6



D0869D

Square

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



39AAB6



9E94CC



D28881



92A26A

Rectangle

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



39AAB6



66A1D2



D28881



B89665

Sweetspot

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



39AAB6



BBE8ED



39B643



5A7578



F7F7F7



787878

Same Dimension

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



39AAB6



2BDAED



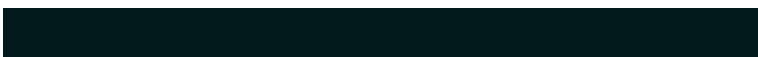
396DB6



535B5C



008D9C



00191C

Inverse Universe

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



B639AA



ED2BDA



B68239



5C535B



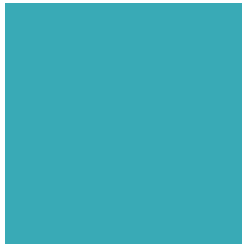
9C008D



1C0019

Previews

White Background



This preview shows how the Hex color 39AAB6 looks on a white background.

Color Contrast Check

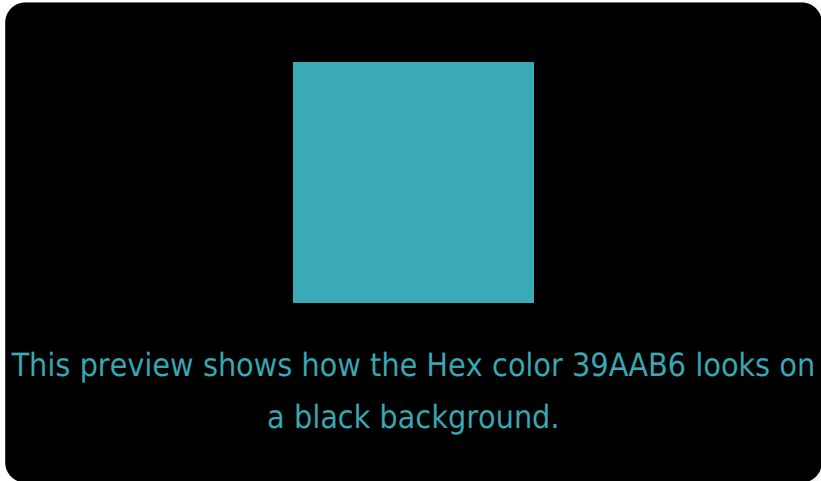
Large Text (above 18pt) WCAG AA × Fail

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 39AAB6 Background



This preview shows how black text looks on a background with the Hex color 39AAB6.

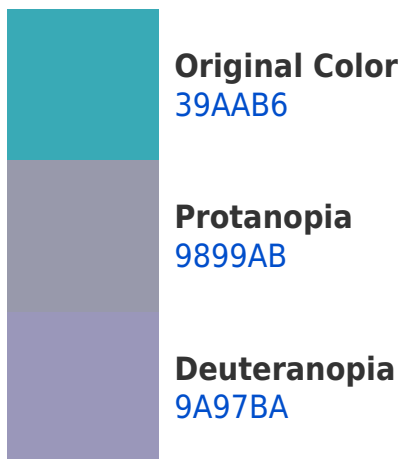


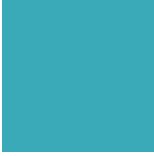
This preview shows how white text looks on a background with the Hex color 39AAB6.

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](#).

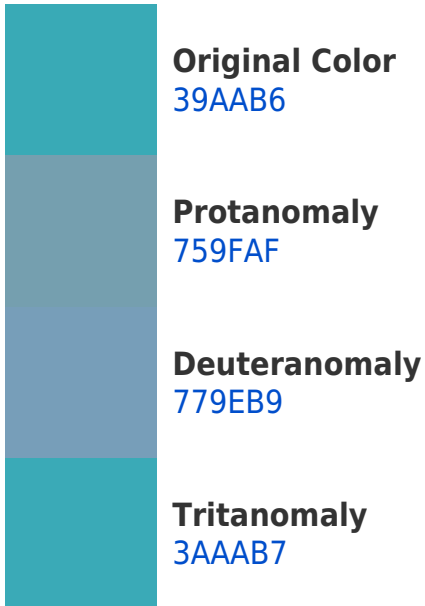
Dichromacy



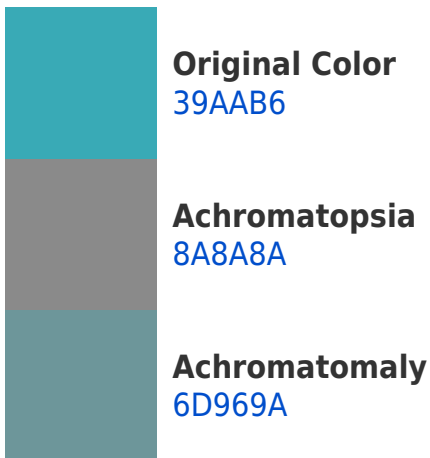


Tritanopia
3AAAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39AAB6 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 #39AAB6 looks like.

```
.text, #text, p{  
    color:#39AAB6  
}
```

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 #39AAB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39AAB6
}
```

Border

The CSS property to change the border of an element to Hex 39AAB6 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
#39AAB6 }
```

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

```
.border{ border-color:#39AAB6 }
```

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

Here you see how a box with a 4 pixel #39AAB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39AAB6; -webkit-box-shadow:4px 4px  
4px 4px #39AAB6; box-shadow:4px 4px 4px  
4px #39AAB6 }
```

Background

The CSS property to change the background color of an element to Hex 39AAB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39AAB6 }
```

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

```
.background{ background-color:#39AAB6 }
```

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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