

# Converting Colors

Hex(39BAC4)

Have a look what the booklet for  
Hex(39BAC4) contains.

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# Color

Hex(39BAC4)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 39BAC4                       |
| RGB         | 57, 186, 196                 |
| RGB Percent | 22%, 73%, 77%                |
| CMY         | 0.7765, 0.2706, 0.2314       |
| CMYK        | 0.71, 0.05, 0.00, 0.23       |
| HSL         | 184°, 55%, 50%               |
| HSV         | 184°, 71%, 77%               |
| XYZ         | 29.2101, 39.9732, 58.4006    |
| YIQ         | 148.5690, -80.0940, -24.2380 |

# Conversions

## Conversions Part 2

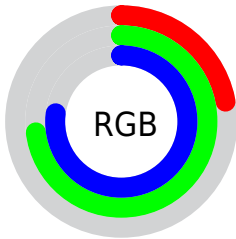
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">57, 124, 196</a>                    |
| Decimal                             | <a href="#">3783364</a>                         |
| CIELab                              | <a href="#">69.45, -30.90, -15.17</a>           |
| CIELCh                              | <a href="#">69, 34.426, 206.146</a>             |
| Yxy                                 | <a href="#">39.9732, 0.2289,<br/>0.3133</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4281973444<br/>(0xFF39BAC4)</a>     |
| YUV                                 | <a href="#">148.5690, 23.3835,<br/>-80.3060</a> |
| Hunter-Lab                          | <a href="#">63.2244, -28.1745,<br/>-10.5094</a> |

# Details

The Hex color **39BAC4** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **C44339**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **7BF3FD**, and **00848E** is the 20% darker color. If you saturate the color by 10%, you get **25B9C4**, and if you desaturate by 10%, it is **4DBBC4**.

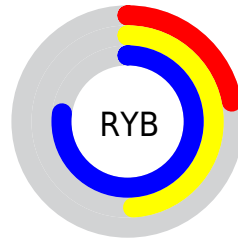
# Distribution



Red (22%)

Green (73%)

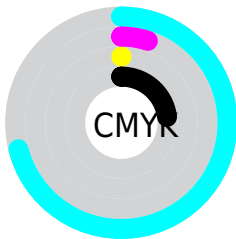
Blue (77%)



Red (22%)

Yellow (49%)

Blue (77%)

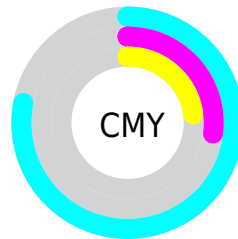


Cyan (71%)

Magenta (5%)

Yellow (0%)

Black (23%)



Cyan (78%)

Magenta (27%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39BAC4 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 39BAC4 by changing the saturation by 10% instead.



 39BAC4

 39BAC4

FFFFFF

 009FA9

 7BF3FD

 00848E

 9AFFFF

 006B75

 B8FFFF

 00525C

 D6FFFF

 003A45

 F5FFFF

 00252E

 00011A

 000000

 39BAC4

 39BAC4

■ 25B9C4

■ 4DBBC4

■ 12B7C4

■ 60BDC4

■ 00B6C4

■ 74BEC4

■ 87C0C4

■ 9BC1C4

■ AFC2C4

■ C2C4C4

■ D6C5C4

■ E9C7C4

# Harmonies

## Analogous

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



58BAA4



39BAC4



48B6DD

# Triad

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



39BAC4



CD98CD



C2A66B

# Complementary

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



39BAC4



C44339

# 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.



DB9C77



39BAC4



E392AF

# Square

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



39BAC4



A8A3E2



E79490



A2B071

# Rectangle

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



39BAC4



67B1E6



E79490



CCA36D



# Sweetspot

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



39BAC4



C9FBFF



39C442



607D80



000000



808080



# Same Dimension

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



39BAC4



26EFFF



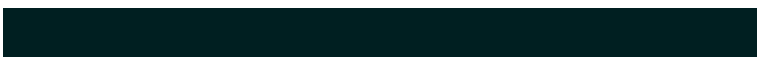
3975C4



576061



0095A1



001F21



# Inverse Universe

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



C439BA



FF26EF



C48839



615760



A10095

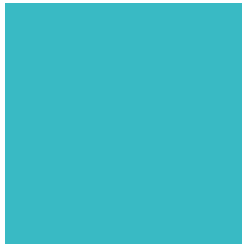


21001F



# Previews

## White Background



This preview shows how the Hex color 39BAC4 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 39BAC4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

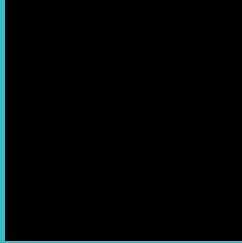
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 39BAC4 Background



This preview shows how black text looks on a background with the Hex color 39BAC4.

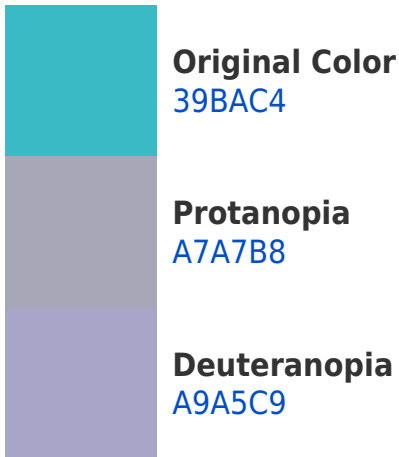


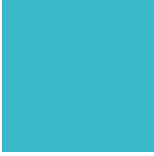
This preview shows how white text looks on a background with the Hex color 39BAC4.

# 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](#).

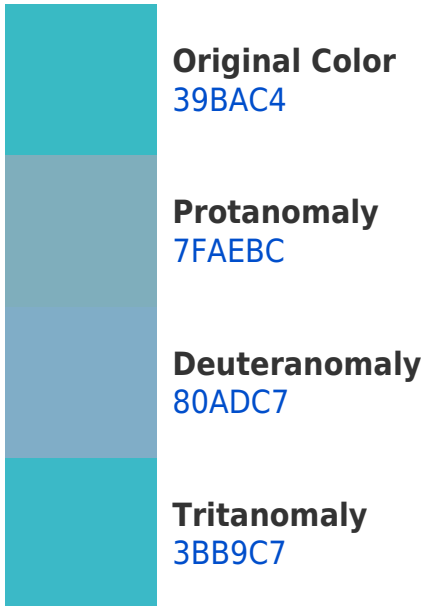
## Dichromacy





**Tritanopia**  
3CB9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39BAC4 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 #39BAC4 looks like.

```
.text, #text, p{  
    color:#39BAC4  
}
```

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 #39BAC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39BAC4
}
```

## Border

The CSS property to change the border of an element to Hex 39BAC4 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
#39BAC4 }
```

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

```
.border{ border-color:#39BAC4 }
```

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

Here you see how a box with a 4 pixel #39BAC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39BAC4; -webkit-box-shadow:4px 4px  
4px 4px #39BAC4; box-shadow:4px 4px 4px  
4px #39BAC4 }
```

# Background

The CSS property to change the background color of an element to Hex 39BAC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39BAC4 }
```

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

```
.background{ background-color:#39BAC4 }
```

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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