

Converting Colors

Hex(39BCA8)

Have a look what the booklet for
Hex(39BCA8) contains.

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Color

Hex(39BCA8)

Conversions

Conversions Part 1

Format	Color
Hex	39BCA8
RGB	57, 188, 168
RGB Percent	22%, 74%, 66%
CMY	0.7765, 0.2627, 0.3412
CMYK	0.70, 0.00, 0.11, 0.26
HSL	171°, 53%, 48%
HSV	171°, 70%, 74%
XYZ	26.7384, 39.6634, 43.2923
YIQ	146.5510, -71.6560, -33.9920

Conversions

Conversions Part 2

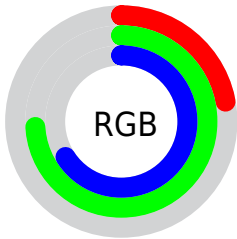
Format	Color
RYB	57, 128, 188
Decimal	3783848
CIELab	69.23, -39.75, -0.12
CIElCh	69, 39.748, 180.172
Yxy	39.6634, 0.2438, 0.3616
Android (android.graphics.Color)	4281973928 (0xFF39BCA8)
YUV	146.5510, 10.5744, -78.5362
Hunter-Lab	62.9789, -34.4288, 3.3287

Details

The Hex color **39BCA8** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BC394D**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **79F5DF**, and **008674** is the 20% darker color. If you saturate the color by 10%, you get **26BCA5**, and if you desaturate by 10%, it is **4CBCAB**.

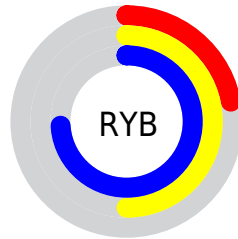
Distribution



Red (22%)

Green (74%)

Blue (66%)



Red (22%)

Yellow (50%)

Blue (74%)

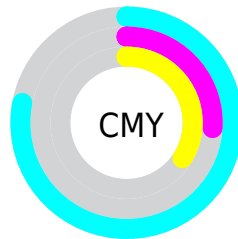


Cyan (70%)

Magenta (0%)

Yellow (11%)

Black (26%)



Cyan (78%)

Magenta (26%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39BCA8 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 39BCA8 by changing the saturation by 10% instead.

 39BCA8

 39BCA8

FFFFFF

 00A18E

 79F5DF

 008674

 97FFFC

 006C5C

 B5FFFF

 005344

 D3FFFF

 003B2E

 F1FFFF

 002619

 000000

 39BCA8

 39BCA8

 26BCA5

 4CBCAB

■ 13BCA2

■ 5FBCAE

■ 01BC9F

■ 71BCB1

■ 00BC9F

■ 84BCB3

■ 97BCB6

■ AABCBC9

■ BDBCBC

■ CFBCBF

■ E2BCC2

Harmonies

Analogous

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



6FB984



39BCA8



00BBCC

Triad

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



39BCA8



ADA0E7



DD9A6B

Complementary

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



39BCA8



BC394D

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.



ED9087



39BCA8



D693CD

Square

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



39BCA8



73ACF1



EC8DAA



C0A760

Rectangle

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



39BCA8



00B8DF



EC8DAA



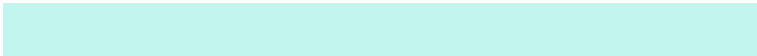
E49673

Sweetspot

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



39BCA8



C1F5ED



4FBC39



5C7A76



FAFAFA



7A7A7A

Same Dimension

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



39BCA8



27F5D5



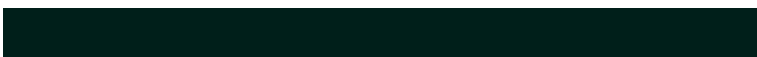
3990BC



555E5D



009E86



001F1A

Inverse Universe

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



BC394D



F52747



BC6539



5E5556



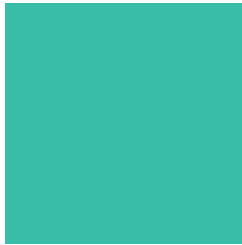
9E0018



1F0005

Previews

White Background



This preview shows how the Hex color 39BCA8 looks on a white background.

Color Contrast Check

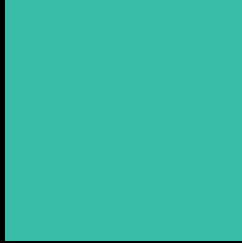
Large Text (above 18pt) WCAG AA × Fail

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 39BCA8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

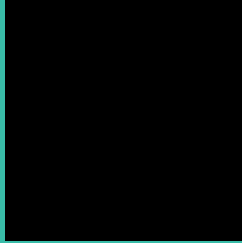
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

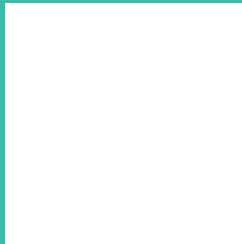
Any Text WCAG AAA ✓ Pass

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

Hex 39BCA8 Background



This preview shows how black text looks on a background with the Hex color 39BCA8.

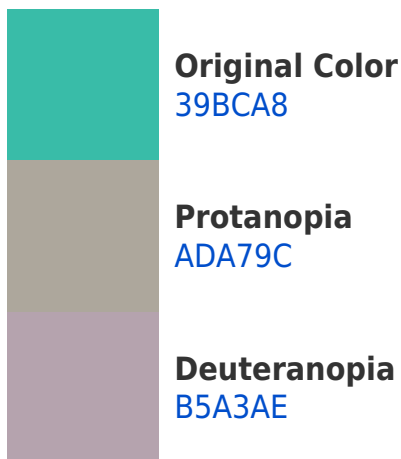


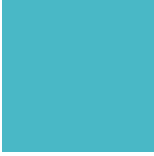
This preview shows how white text looks on a background with the Hex color 39BCA8.

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](#).

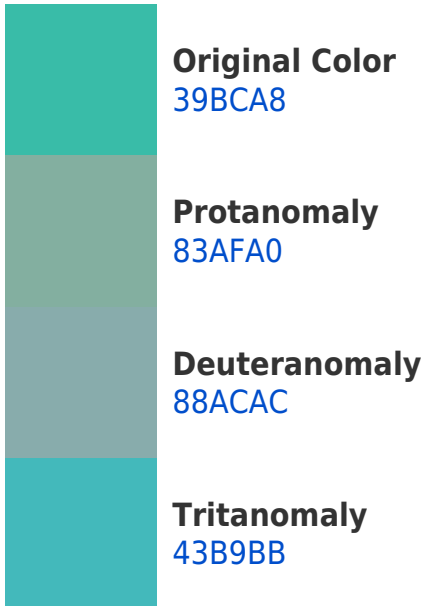
Dichromacy



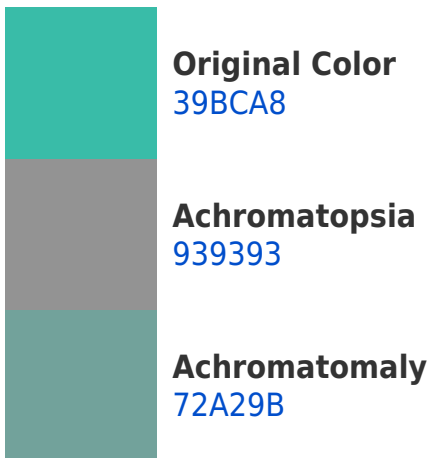


Tritanopia
49B8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39BCA8 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 #39BCA8 looks like.

```
.text, #text, p{  
    color:#39BCA8  
}
```

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 #39BCA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39BCA8
}
```

Border

The CSS property to change the border of an element to Hex 39BCA8 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
#39BCA8 }
```

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

```
.border{ border-color:#39BCA8 }
```

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

Here you see how a box with a 4 pixel #39BCA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39BCA8; -webkit-box-shadow:4px 4px  
4px 4px #39BCA8; box-shadow:4px 4px 4px  
4px #39BCA8 }
```

Background

The CSS property to change the background color of an element to Hex 39BCA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39BCA8 }
```

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

```
.background{ background-color:#39BCA8 }
```

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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