

Converting Colors

Hex(39BF9A)

Have a look what the booklet for
Hex(39BF9A) contains.

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Color

Hex(39BF9A)

Conversions

Conversions Part 1

Format	Color
Hex	39BF9A
RGB	57, 191, 154
RGB Percent	22%, 75%, 60%
CMY	0.7765, 0.2510, 0.3961
CMYK	0.70, 0.00, 0.19, 0.25
HSL	163°, 54%, 49%
HSV	163°, 70%, 75%
XYZ	26.1509, 40.4646, 37.0040
YIQ	146.7160, -67.9870, -39.9150

Conversions

Conversions Part 2

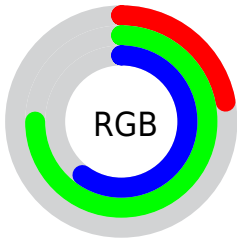
Format	Color
RYB	57, 135, 191
Decimal	3784602
CIELab	69.80, -44.62, 8.36
CIELCh	70, 45.399, 169.390
Yxy	40.4646, 0.2524, 0.3905
Android (android.graphics.Color)	4281974682 (0xFF39BF9A)
YUV	146.7160, 3.5910, -78.6809
Hunter-Lab	63.6118, -37.9390, 10.0383

Details

The Hex color **39BF9A** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BF395E**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **79F8D0**, and **008967** is the 20% darker color. If you saturate the color by 10%, you get **26BF95**, and if you desaturate by 10%, it is **4CBF9F**.

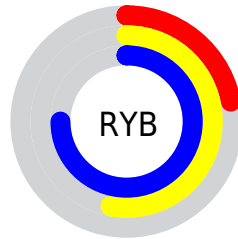
Distribution



Red (22%)

Green (75%)

Blue (60%)



Red (22%)

Yellow (53%)

Blue (75%)

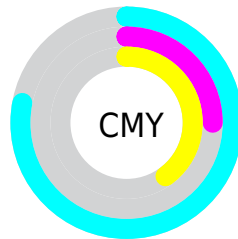


Cyan (70%)

Magenta (0%)

Yellow (19%)

Black (25%)



Cyan (78%)

Magenta (25%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39BF9A 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 39BF9A by changing the saturation by 10% instead.



39BF9A



39BF9A

FFFFFF



00A380



79F8D0



008967



97FFED



006E4F



B5FFFF



005538



D3FFFF



003D23



F1FFFF



00280D



000000



39BF9A



39BF9A



26BF95



4CBF9F

 13BF8F

 5FBFA5

 00BF8A

 72BFAA

 85BFAF

 99BFB4

 ACBFBA

 BFBFBF

 D2BFC4

 E5BFC9

Harmonies

Analogous

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



7ABA73



39BF9A



00C0C5

Triad

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



39BF9A



98A5F8



ED946E

Complementary

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



39BF9A



BF395E

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.



F98A91



39BF9A



CF96E1

Square

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



39BF9A



44B3FB



F08ABB



D1A359

Rectangle

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



39BF9A



00BEDE



F08ABB



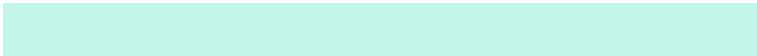
F39078

Sweetspot

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



39BF9A



C3F7E9



5FBF39



5E7D74



FCFCFC



7D7D7D

Same Dimension

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



39BF9A



28F7BE



39A2BF



555E5C



009E72



001F16

Inverse Universe

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



BF395E



F72861



BF5639



5E5558



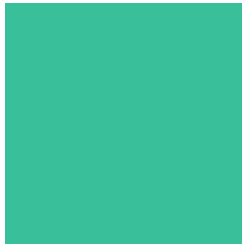
9E002C



1F0008

Previews

White Background



This preview shows how the Hex color 39BF9A looks on a white background.

Color Contrast Check

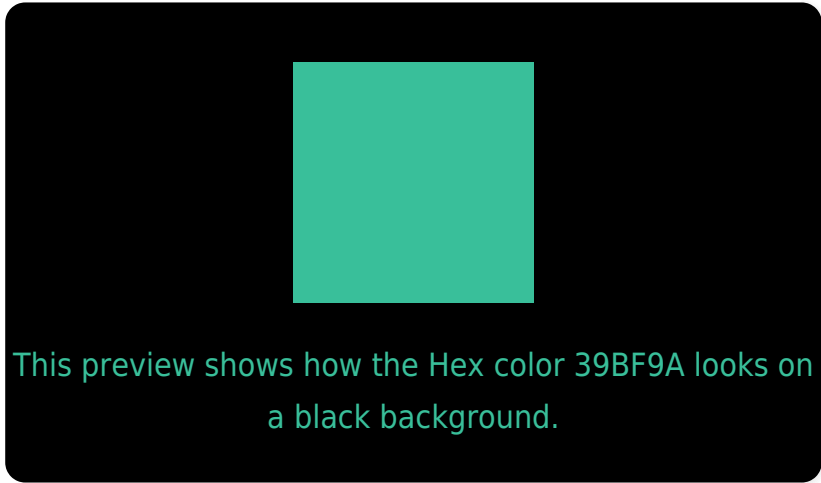
Large Text (above 18pt) WCAG AA × Fail

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

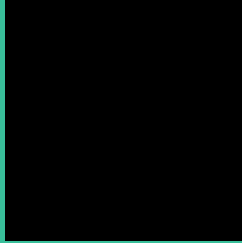
Any Text WCAG AA ✓ Pass

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 39BF9A Background



This preview shows how black text looks on a background with the Hex color 39BF9A.

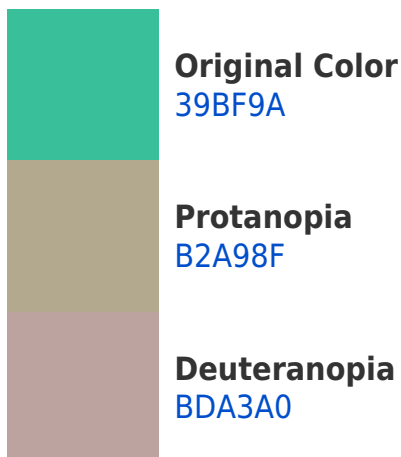


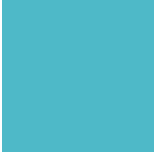
This preview shows how white text looks on a background with the Hex color 39BF9A.

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](#).

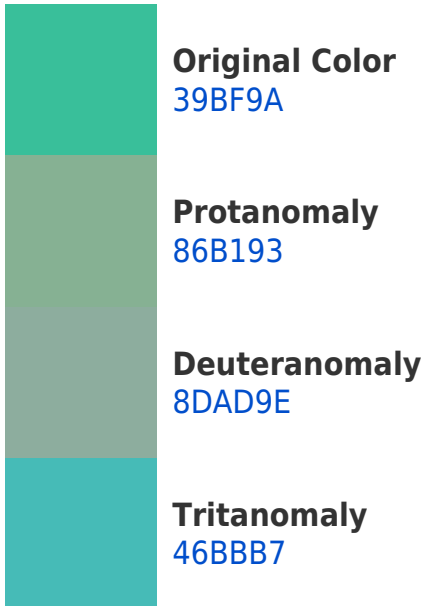
Dichromacy





Tritanopia
4EB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39BF9A 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 #39BF9A looks like.

```
.text, #text, p{  
    color:#39BF9A  
}
```

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 #39BF9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39BF9A
}
```

Border

The CSS property to change the border of an element to Hex 39BF9A 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
#39BF9A }
```

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

```
.border{ border-color:#39BF9A }
```

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

Here you see how a box with a 4 pixel #39BF9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39BF9A; -webkit-box-shadow:4px 4px  
4px 4px #39BF9A; box-shadow:4px 4px 4px  
4px #39BF9A }
```

Background

The CSS property to change the background color of an element to Hex 39BF9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39BF9A }
```

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

```
.background{ background-color:#39BF9A }
```

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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