

# Converting Colors

Hex(39BFAA)

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

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**Color**

**Hex(39BFAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39BFAA
RGB	57, 191, 170
RGB Percent	22%, 75%, 67%
CMY	0.7765, 0.2510, 0.3333
CMYK	0.70, 0.00, 0.11, 0.25
HSL	171°, 54%, 49%
HSV	171°, 70%, 75%
XYZ	27.5738, 41.0337, 44.4972
YIQ	148.5400, -73.1230, -34.9390

# Conversions

## Conversions Part 2

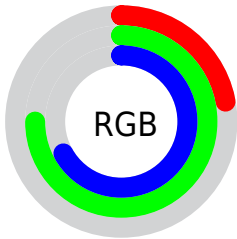
Format	Color
<a href="#">RYB</a>	<a href="#">57, 130, 191</a>
Decimal	<a href="#">3784618</a>
CIELab	<a href="#">70.20, -40.55, 0.20</a>
CIELCh	<a href="#">70, 40.554, 179.715</a>
Yxy	<a href="#">41.0337, 0.2438, 0.3628</a>
Android (android.graphics.Color)	<a href="#">4281974698 (0xFF39BFAA)</a>
YUV	<a href="#">148.5400, 10.5798, -80.2806</a>
Hunter-Lab	<a href="#">64.0576, -35.2647, 3.6549</a>

# Details

The Hex color **39BFAA** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BF394E**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **7AF8E1**, and **008976** is the 20% darker color. If you saturate the color by 10%, you get **26BFA7**, and if you desaturate by 10%, it is **4CBFAD**.

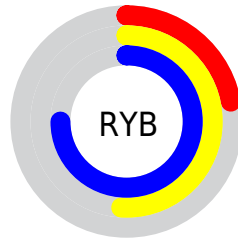
# Distribution



Red (22%)

Green (75%)

Blue (67%)



Red (22%)

Yellow (51%)

Blue (75%)

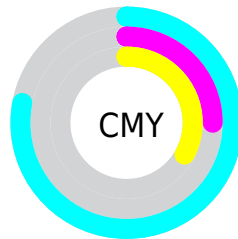


Cyan (70%)

Magenta (0%)

Yellow (11%)

Black (25%)



Cyan (78%)

Magenta (25%)

Yellow (33%)

# Brightness & Saturation Gradients

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





39BFAA



39BFAA

FFFFFF



00A390



7AF8E1



008976



98FFFE



006F5D



B6FFFF



005646



D4FFFF



003D30



F2FFFF



00281B



000100



000000



39BFAA



39BFAA

■ 26BFA7

■ 4CBFAD

■ 13BFA4

■ 5FBFB0

■ 00BFA1

■ 72BFB3

■ 85BFB6

■ 99BFB9

■ ACBFBC

■ BFBFBF

■ D2BFC2

■ E5BFC5

# Harmonies

## Analogous

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



71BC85



39BFAA



00BECF

# Triad

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



39BFAA



AFA2EC



E19C6D

# Complementary

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



39BFAA



BF394E

# 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.



F19289



39BFAA



D995D1

# Square

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



39BFAA



73AFF5



F08FAD



C4A961

# Rectangle

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



39BFAA



00BBE3



F08FAD



E89875

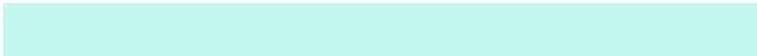


# Sweetspot

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



39BFAA



C3F7EF



4FBF39



5E7D78



FCFCFC



7D7D7D



# Same Dimension

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



39BFAA



28F7D7



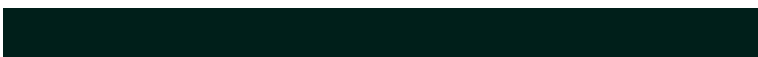
3992BF



555E5D



009E85



001F1A



# Inverse Universe

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



BF394E



F72848



BF6639



5E5556



9E0019

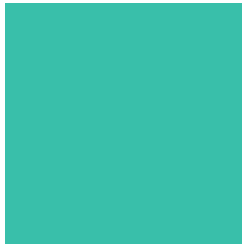


1F0005



# Previews

## White Background



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

## Color Contrast Check

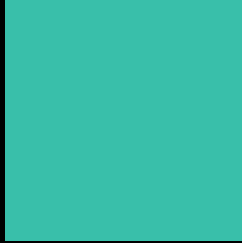
Large Text (above 18pt) WCAG AA × Fail

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 39BFAA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

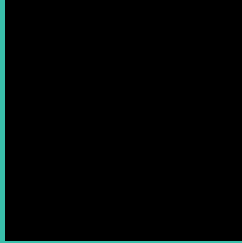
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

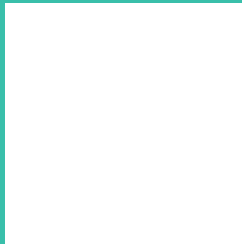
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 39BFAA Background



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

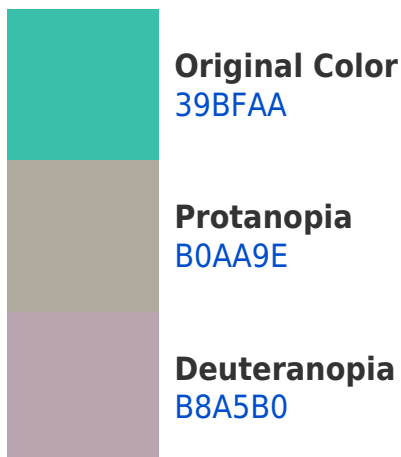


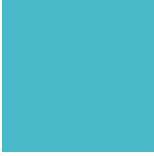
This preview shows how white text looks on a background with the Hex color 39BFAA.

# Color Blindness Simulation

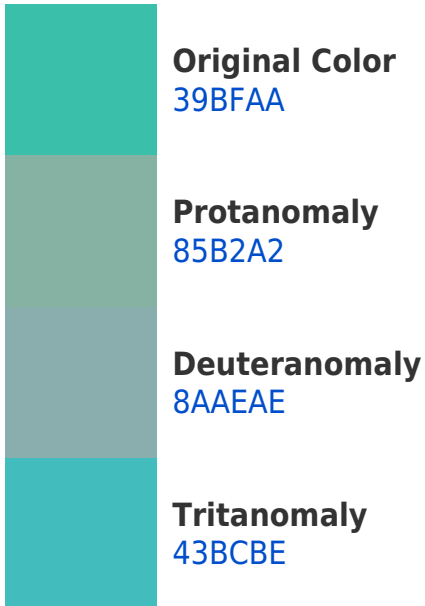
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

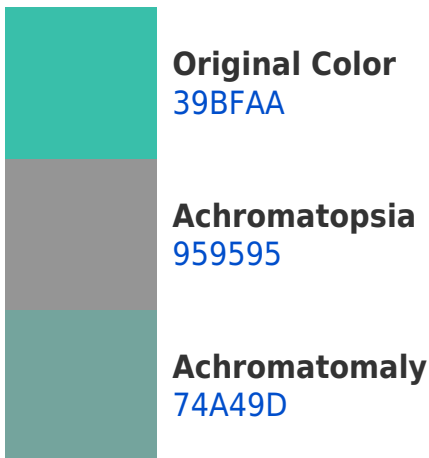




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #39BFAA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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