

Converting Colors

Hex(39BF8B)

Have a look what the booklet for
Hex(39BF8B) contains.

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Color

Hex(39BF8B)

Conversions

Conversions Part 1

Format	Color
Hex	39BF8B
RGB	57, 191, 139
RGB Percent	22%, 75%, 55%
CMY	0.7765, 0.2510, 0.4549
CMYK	0.70, 0.00, 0.27, 0.25
HSL	157°, 54%, 49%
HSV	157°, 70%, 75%
XYZ	24.9783, 39.9955, 30.8295
YIQ	145.0060, -63.1720, -44.5800

Conversions

Conversions Part 2

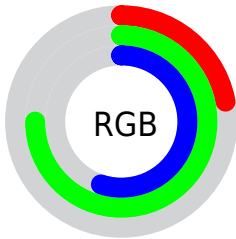
Format	Color
RYB	57, 140, 191
Decimal	3784587
CIELab	69.47, -48.12, 16.03
CIELCh	69, 50.721, 161.582
Yxy	39.9955, 0.2607, 0.4175
Android (android.graphics.Color)	4281974667 (0xFF39BF8B)
YUV	145.0060, -2.9610, -77.1813
Hunter-Lab	63.2420, -40.1724, 15.3665

Details

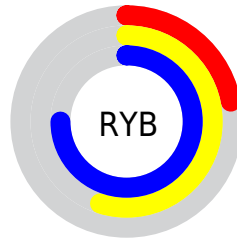
The Hex color **39BF8B** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BF396D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **79F8C1**, and **008859** is the 20% darker color. If you saturate the color by 10%, you get **26BF84**, and if you desaturate by 10%, it is **4CBF92**.

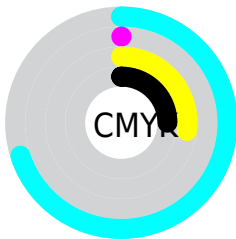
Distribution



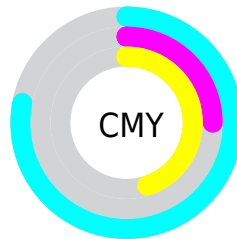
- Red (22%)
- Green (75%)
- Blue (55%)



- Red (22%)
- Yellow (55%)
- Blue (75%)



- Cyan (70%)
- Magenta (0%)
- Yellow (27%)
- Black (25%)



- Cyan (78%)
- Magenta (25%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39BF8B 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 39BF8B by changing the saturation by 10% instead.

 39BF8B

 39BF8B


FFFFFF

 02A371

 79F8C1

 008859

 96FFDD

 006E41

 B4FFF9

 00552B

 D2FFFF

 003C16

 F0FFFF

 002700

 000000

 39BF8B

 39BF8B

 26BF84

 4CBF92

■ 13BF7C

■ 5FBF9A

■ 00BF75

■ 72BFA1

■ 85BFA9

■ 99BFB0

■ ACBFB7

■ BFBFBF

■ D2BFC6

■ E5BFCE

Harmonies

Analogous

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



81B862



39BF8B



00C1BB

Triad

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



39BF8B



7CA8FF



F88C6F

Complementary

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



39BF8B



BF396D

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.



FF8399



39BF8B



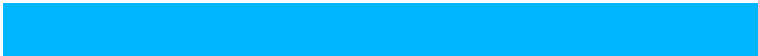
C497EF

Square

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



39BF8B



00B6FF



F087C8



DC9D51

Rectangle

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



39BF8B



00C0D8



F087C8



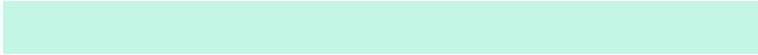
FD887C

Sweetspot

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



39BF8B



C3F7E3



6FBF39



5E7D71



FCFCFC



7D7D7D

Same Dimension

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



39BF8B



28F7A7



39B2BF



555E5B



009E61



001F13

Inverse Universe

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



BF396D



F72878



BF4639



5E5559



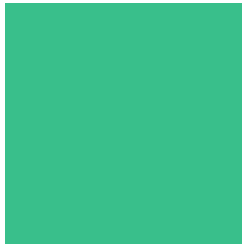
9E003D



1F000C

Previews

White Background



This preview shows how the Hex color 39BF8B 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 39BF8B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

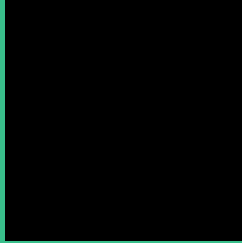
Any Text WCAG AA ✓ Pass

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 39BF8B Background



This preview shows how black text looks on a background with the Hex color 39BF8B.

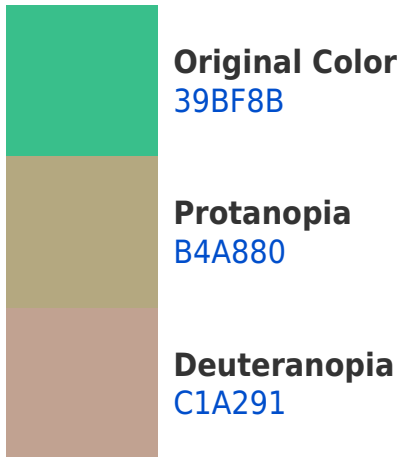


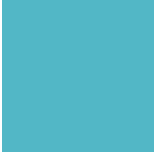
This preview shows how white text looks on a background with the Hex color 39BF8B.

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](#).

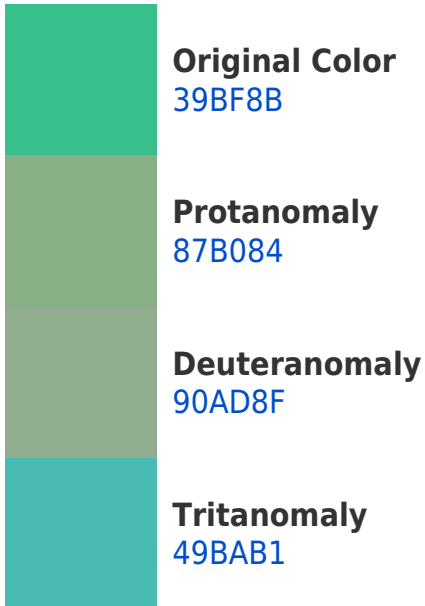
Dichromacy



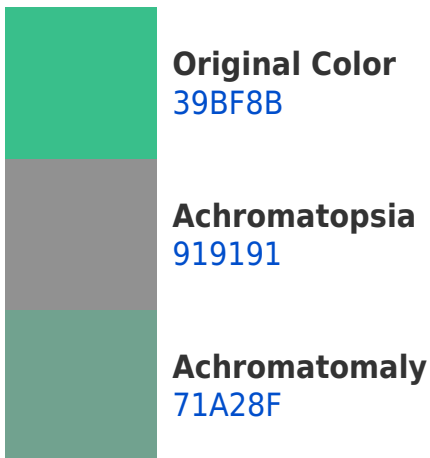


Tritanopia
52B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39BF8B 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 #39BF8B looks like.

```
.text, #text, p{  
    color:#39BF8B  
}
```

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 #39BF8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39BF8B
}
```

Border

The CSS property to change the border of an element to Hex 39BF8B 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
#39BF8B }
```

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

```
.border{ border-color:#39BF8B }
```

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

Here you see how a box with a 4 pixel #39BF8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39BF8B; -webkit-box-shadow:4px 4px  
4px 4px #39BF8B; box-shadow:4px 4px 4px  
4px #39BF8B }
```

Background

The CSS property to change the background color of an element to Hex 39BF8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39BF8B }
```

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

```
.background{ background-color:#39BF8B }
```

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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