

Converting Colors

Hex(38B39D)

Have a look what the booklet for
Hex(38B39D) contains.

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Color

Hex(38B39D)

Conversions

Conversions Part 1

Format	Color
Hex	38B39D
RGB	56, 179, 157
RGB Percent	22%, 70%, 62%
CMY	0.7804, 0.2980, 0.3843
CMYK	0.69, 0.00, 0.12, 0.30
HSL	169°, 52%, 46%
HSV	169°, 69%, 70%
XYZ	23.8368, 35.5153, 37.4971
YIQ	139.7150, -66.2460, -32.9180

Conversions

Conversions Part 2

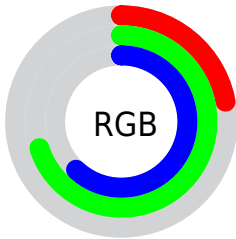
Format	Color
RYB	56, 124, 179
Decimal	3715997
CIELab	66.15, -38.77, 1.45
CIElCh	66, 38.801, 177.863
Yxy	35.5153, 0.2461, 0.3667
Android (android.graphics.Color)	4281906077 (0xFF38B39D)
YUV	139.7150, 8.5215, -73.4181
Hunter-Lab	59.5947, -32.8940, 4.4109

Details

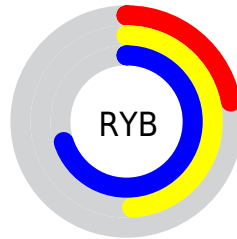
The Hex color **38B39D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B3384E**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **77EBD3**, and **007D6A** is the 20% darker color. If you saturate the color by 10%, you get **26B39A**, and if you desaturate by 10%, it is **4AB3A0**.

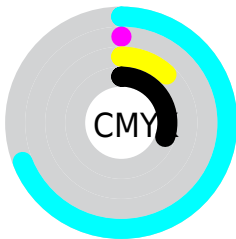
Distribution



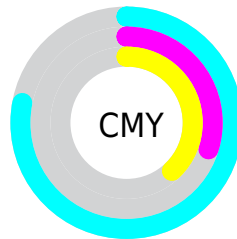
- Red (22%)
- Green (70%)
- Blue (62%)



- Red (22%)
- Yellow (49%)
- Blue (70%)



- Cyan (69%)
- Magenta (0%)
- Yellow (12%)
- Black (30%)



- Cyan (78%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38B39D 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 38B39D by changing the saturation by 10% instead.

 38B39D


 38B39D

FFFFFF

 039883

 77EBD3

 007D6A

 94FFF0

 006452

 B2FFFF

 004B3B

 CFFFFFF

 003325

 EDFFFF

 001E10

 000000

 38B39D

 38B39D

 26B39A

 4AB3A0

■ 14B397

■ 5CB3A3

■ 02B393

■ 6EB3A7

■ 00B393

■ 80B3AA

■ 91B3AD

■ A3B3B0

■ B5B3B3

■ C7B3B7

■ D9B3BA

Harmonies

Analogous

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



6CB07B



38B39D



00B3C0

Triad

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



38B39D



A199DE



D59267

Complementary

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



38B39D



B3384E

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.



E38882



38B39D



CA8CC6

Square

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



38B39D



67A5E6



E185A5



B99E5A

Rectangle

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



38B39D



00B0D3



E185A5



DB8E6F

Sweetspot

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



38B39D



B7E8DF



4FB338



587570



F5F5F5



757575

Same Dimension

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



38B39D



2AE8C6



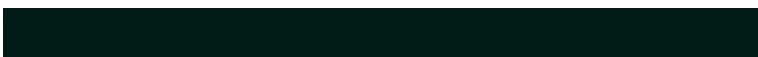
388CB3



505958



00997E



001A15

Inverse Universe

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



B3384E



E82A4C



B35F38



595052



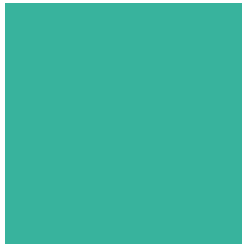
99001B



1A0005

Previews

White Background



This preview shows how the Hex color 38B39D looks on a white background.

Color Contrast Check

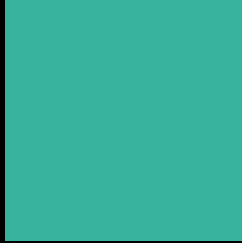
Large Text (above 18pt) WCAG AA × Fail

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 38B39D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

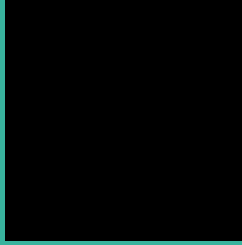
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

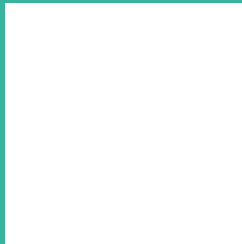
Any Text WCAG AAA ✓ Pass

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

Hex 38B39D Background



This preview shows how black text looks on a background with the Hex color 38B39D.

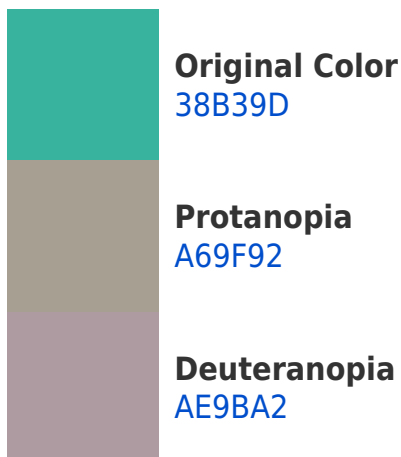


This preview shows how white text looks on a background with the Hex color 38B39D.

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
47AEBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 38B39D 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 #38B39D looks like.

```
.text, #text, p{  
    color:#38B39D  
}
```

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 #38B39D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38B39D  
}
```

Border

The CSS property to change the border of an element to Hex 38B39D 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  
#38B39D }
```

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

```
.border{ border-color:#38B39D }
```

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

Here you see how a box with a 4 pixel #38B39D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38B39D; -webkit-box-shadow:4px 4px  
4px 4px #38B39D; box-shadow:4px 4px 4px  
4px #38B39D }
```

Background

The CSS property to change the background color of an element to Hex 38B39D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38B39D }
```

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

```
.background{ background-color:#38B39D }
```

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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