

Converting Colors

Hex(38BAA9)

Have a look what the booklet for
Hex(38BAA9) contains.

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Color

Hex(38BAA9)

Conversions

Conversions Part 1

Format	Color
Hex	38BAA9
RGB	56, 186, 169
RGB Percent	22%, 73%, 66%
CMY	0.7804, 0.2706, 0.3373
CMYK	0.70, 0.00, 0.09, 0.27
HSL	172°, 54%, 47%
HSV	172°, 70%, 73%
XYZ	26.3512, 38.8231, 43.6409
YIQ	145.1920, -72.0230, -32.8470

Conversions

Conversions Part 2

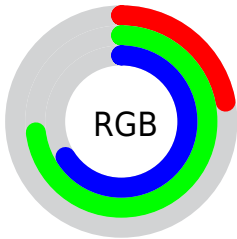
Format	Color
RYB	56, 126, 186
Decimal	3717801
CIELab	68.62, -38.72, -1.56
CIELCh	69, 38.756, 182.305
Yxy	38.8231, 0.2422, 0.3568
Android (android.graphics.Color)	4281907881 (0xFF38BAA9)
YUV	145.1920, 11.7373, -78.2214
Hunter-Lab	62.3082, -33.5486, 2.0888

Details

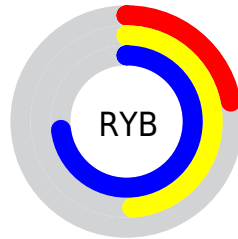
The Hex color **38BAA9** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BA3849**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **79F3E0**, and **008475** is the 20% darker color. If you saturate the color by 10%, you get **25BAA7**, and if you desaturate by 10%, it is **4BBAAB**.

Distribution



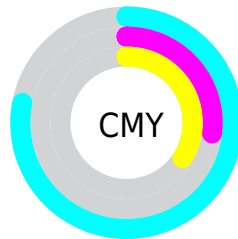
- Red (22%)
- Green (73%)
- Blue (66%)



- Red (22%)
- Yellow (49%)
- Blue (73%)



- Cyan (70%)
- Magenta (0%)
- Yellow (9%)
- Black (27%)



- Cyan (78%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38BAA9 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 38BAA9 by changing the saturation by 10% instead.

 38BAA9

 38BAA9

FFFFFF

 009F8F

 79F3E0

 008475

 96FFFD

 006A5C

 B4FFFF

 005145

 D2FFFF

 00392F

 F0FFFF

 00251A

 000000

 38BAA9

 38BAA9

 25BAA7

 4BBAAB

■ 13BAA4

■ 5DBAAE

■ 00BAA2

■ 70BAB0

■ 82BAB3

■ 95BAB5

■ A8BAB8

■ BABABA

■ CDBABC

■ DFBABF

Harmonies

Analogous

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



6CB786



38BAA9



00B9CC

Triad

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



38BAA9



AF9DE3



D99A6A

Complementary

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



38BAA9



BA3849

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.



E98F84



38BAA9



D691C9

Square

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



38BAA9



78AAED



E98CA6



BCA660

Rectangle

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



38BAA9



14B6DE



E98CA6



E09671

Sweetspot

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



38BAA9



BFF2EC



49BA38



5C7A76



FAFAFA



7A7A7A

Same Dimension

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



38BAA9



27F2D8



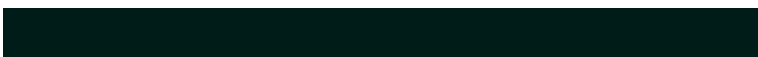
388ABA



535C5B



009C87



001C18

Inverse Universe

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



BA3849



F22741



BA6838



5C5354



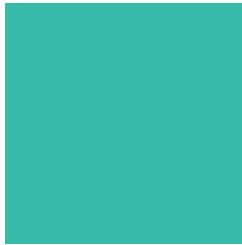
9C0014



1C0004

Previews

White Background



This preview shows how the Hex color 38BAA9 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 38BAA9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

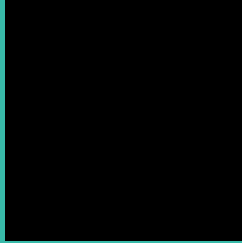
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

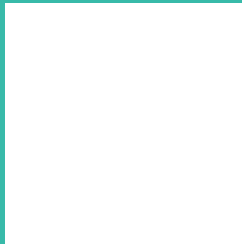
Any Text WCAG AAA ✓ Pass

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

Hex 38BAA9 Background



This preview shows how black text looks on a background with the Hex color 38BAA9.

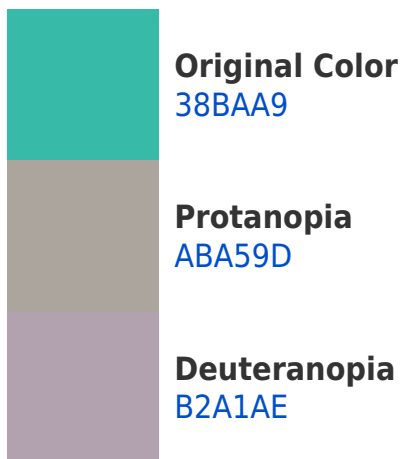


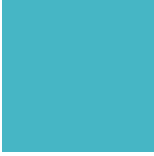
This preview shows how white text looks on a background with the Hex color 38BAA9.

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](#).

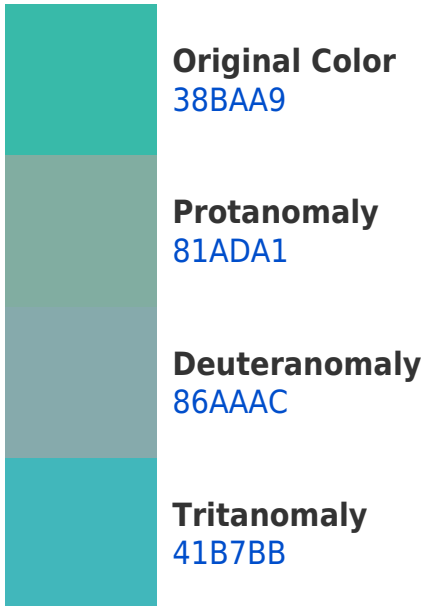
Dichromacy



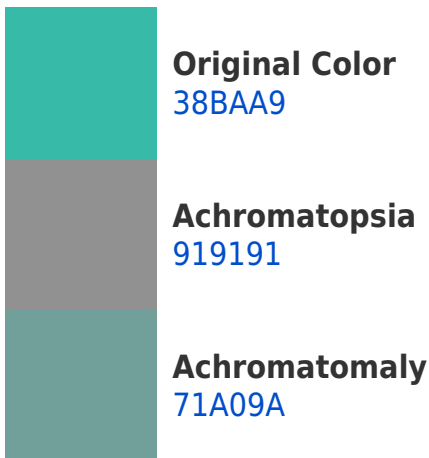


Tritanopia
46B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 38BAA9 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 #38BAA9 looks like.

```
.text, #text, p{  
    color:#38BAA9  
}
```

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 #38BAA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38BAA9  
}
```

Border

The CSS property to change the border of an element to Hex 38BAA9 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  
#38BAA9 }
```

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

```
.border{ border-color:#38BAA9 }
```

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

Here you see how a box with a 4 pixel #38BAA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38BAA9; -webkit-box-shadow:4px 4px  
4px 4px #38BAA9; box-shadow:4px 4px 4px  
4px #38BAA9 }
```

Background

The CSS property to change the background color of an element to Hex 38BAA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38BAA9 }
```

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

```
.background{ background-color:#38BAA9 }
```

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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