

Converting Colors

Hex(38C7AE)

Have a look what the booklet for
Hex(38C7AE) contains.

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Color

Hex(38C7AE)

Conversions

Conversions Part 1

Format	Color
Hex	38C7AE
RGB	56, 199, 174
RGB Percent	22%, 78%, 68%
CMY	0.7804, 0.2196, 0.3176
CMYK	0.72, 0.00, 0.13, 0.22
HSL	170°, 56%, 50%
HSV	170°, 72%, 78%
XYZ	29.6943, 44.7436, 47.1157
YIQ	153.3930, -77.2030, -38.0910

Conversions

Conversions Part 2

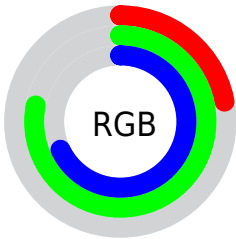
Format	Color
RYB	56, 134, 199
Decimal	3721134
CIELab	72.72, -43.15, 1.70
CIELCh	73, 43.187, 177.749
Yxy	44.7436, 0.2443, 0.3681
Android (android.graphics.Color)	4281911214 (0xFF38C7AE)
YUV	153.3930, 10.1593, -85.4137
Hunter-Lab	66.8907, -37.8184, 5.0614

Details

The Hex color **38C7AE** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C73851**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **7BFFE5**, and **00907A** is the 20% darker color. If you saturate the color by 10%, you get **24C7AB**, and if you desaturate by 10%, it is **4CC7B1**.

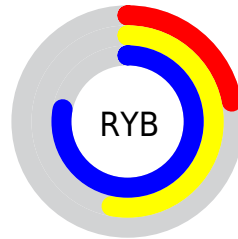
Distribution



Red (22%)

Green (78%)

Blue (68%)



Red (22%)

Yellow (53%)

Blue (78%)

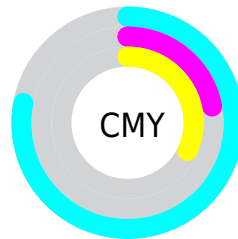


Cyan (72%)

Magenta (0%)

Yellow (13%)

Black (22%)



Cyan (78%)

Magenta (22%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38C7AE 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 38C7AE by changing the saturation by 10% instead.

 38C7AE

 38C7AE

FFFFFF

 00AB93

 7BFFE5

 00907A

 99FFFF

 007661

 B7FFFF

 005C49

 D6FFFF

 004433

 F4FFFF

 002D1E

 001105

 000000

 38C7AE

 38C7AE

■ 24C7AB

■ 4CC7B1

■ 10C7A7

■ 60C7B5

■ 00C7A4

■ 74C7B8

■ 88C7BC

■ 9CC7BF

■ AFC7C3

■ C3C7C6

■ D7C7CA

■ EBC7CD

Harmonies

Analogous

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



77C387



38C7AE



00C7D6

Triad

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



38C7AE



B2A9F8



EDA171

Complementary

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



38C7AE



C73851

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.



FE9690



38C7AE



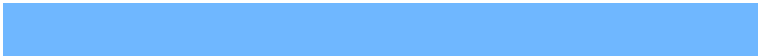
E19BDD

Square

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



38C7AE



6FB7FF



FB93B7



CEAF62

Rectangle

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



38C7AE



00C4EC



FB93B7



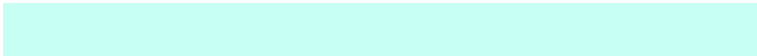
F49D7A

Sweetspot

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



38C7AE



C7FFF5



52C738



5E807A



000000



808080

Same Dimension

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



38C7AE



24FFD9



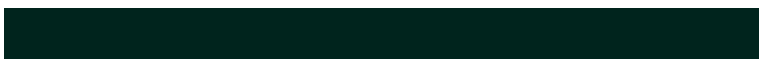
389AC7



5A6362



00A387



00241D

Inverse Universe

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



C73851



FF244A



C76538



635A5B



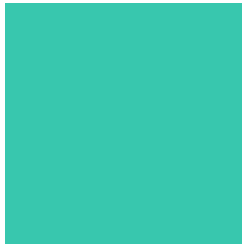
A3001D



240006

Previews

White Background



This preview shows how the Hex color 38C7AE 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 38C7AE 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

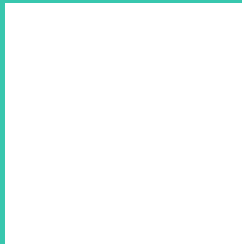
Any Text WCAG AAA ✓ Pass

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

Hex 38C7AE Background



This preview shows how black text looks on a background with the Hex color 38C7AE.



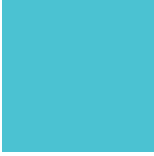
This preview shows how white text looks on a background with the Hex color 38C7AE.

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



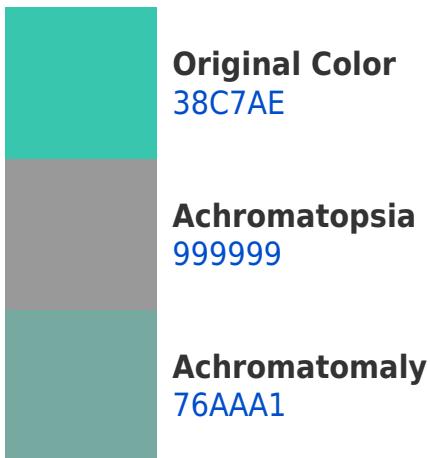


Tritanopia
4BC2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 38C7AE 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 #38C7AE looks like.

```
.text, #text, p{  
    color:#38C7AE  
}
```

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 #38C7AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38C7AE
}
```

Border

The CSS property to change the border of an element to Hex 38C7AE 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
#38C7AE }
```

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

```
.border{ border-color:#38C7AE }
```

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

Here you see how a box with a 4 pixel #38C7AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38C7AE; -webkit-box-shadow:4px 4px  
4px 4px #38C7AE; box-shadow:4px 4px 4px  
4px #38C7AE }
```

Background

The CSS property to change the background color of an element to Hex 38C7AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38C7AE }
```

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

```
.background{ background-color:#38C7AE }
```

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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