

Converting Colors

Hex(38AD9C)

Have a look what the booklet for
Hex(38AD9C) contains.

Hex(38AD9C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(38AD9C)

Conversions

Conversions Part 1

Format	Color
Hex	38AD9C
RGB	56, 173, 156
RGB Percent	22%, 68%, 61%
CMY	0.7804, 0.3216, 0.3882
CMYK	0.68, 0.00, 0.10, 0.32
HSL	171°, 51%, 45%
HSV	171°, 68%, 68%
XYZ	22.5752, 33.1282, 36.6570
YIQ	136.0790, -64.2750, -30.0910

Conversions

Conversions Part 2

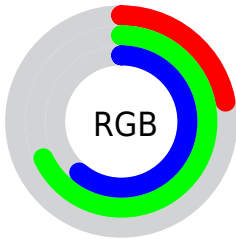
Format	Color
RYB	56, 119, 173
Decimal	3714460
CIELab	64.26, -36.32, -0.75
CIELCh	64, 36.328, 181.176
Yxy	33.1282, 0.2444, 0.3587
Android (android.graphics.Color)	4281904540 (0xFF38AD9C)
YUV	136.0790, 9.8211, -70.2293
Hunter-Lab	57.5571, -30.7131, 2.5293

Details

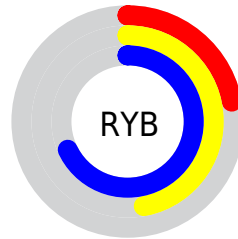
The Hex color **38AD9C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AD3849**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **76E5D2**, and **007869** is the 20% darker color. If you saturate the color by 10%, you get **27AD99**, and if you desaturate by 10%, it is **49AD9F**.

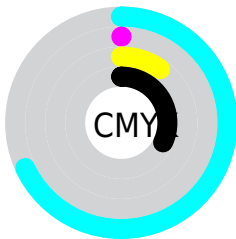
Distribution



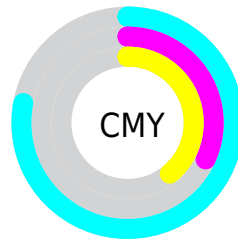
- Red (22%)
- Green (68%)
- Blue (61%)



- Red (22%)
- Yellow (47%)
- Blue (68%)



- Cyan (68%)
- Magenta (0%)
- Yellow (10%)
- Black (32%)



- Cyan (78%)
- Magenta (32%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38AD9C 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 38AD9C by changing the saturation by 10% instead.

 38AD9C

 38AD9C

FFFFFF

 079282

 76E5D2

 007869

 93FDEF

 005E51

 B0FFFF

 00463A

 CEFFFF

 002F24

 ECFFFF

 001810

 000000

 38AD9C

 38AD9C

 27AD99

 49AD9F

 15AD97

 5BADA1

 04AD94

 6CADA4

 00AD94

 7DADA6

 8EADA9

 A0ADAB

 B1ADAE

 C2ADB0

 D4ADB3

Harmonies

Analogous

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



67AA7B



38AD9C



00ACBC

Triad

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



38AD9C



A193D3



CA8F64

Complementary

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



38AD9C



AD3849

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.



D9857C



38AD9C



C688BC

Square

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



38AD9C



6E9FDC



D9829C



B09A5A

Rectangle

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



38AD9C



16A9CD



D9829C



D18B6B

Sweetspot

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



38AD9C



B4E0DA



4AAD38



55706C



F0F0F0



707070

Same Dimension

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



38AD9C



2BE0C6



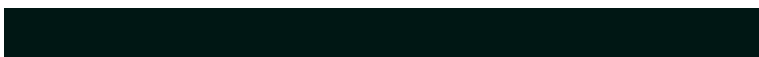
3884AD



4E5755



009681



001714

Inverse Universe

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



AD3849



E02B45



AD6138



574E4F



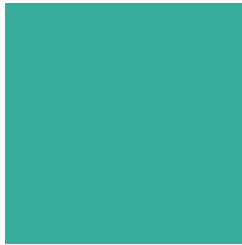
960016



170003

Previews

White Background



This preview shows how the Hex color 38AD9C looks on a white background.

Color Contrast Check

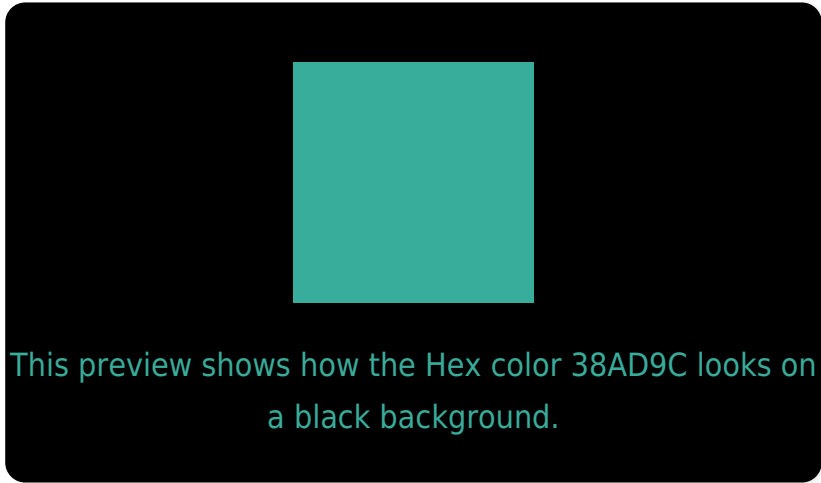
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 38AD9C Background



This preview shows how black text looks on a background with the Hex color 38AD9C.

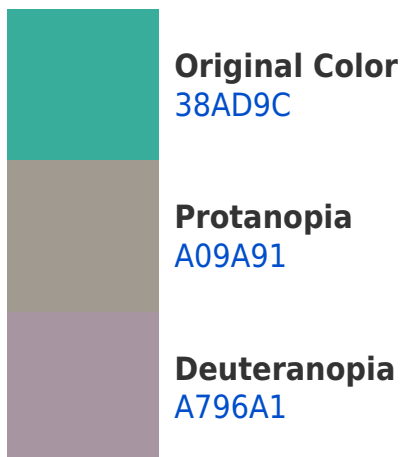


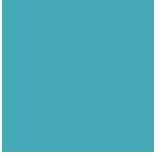
This preview shows how white text looks on a background with the Hex color 38AD9C.

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](#).

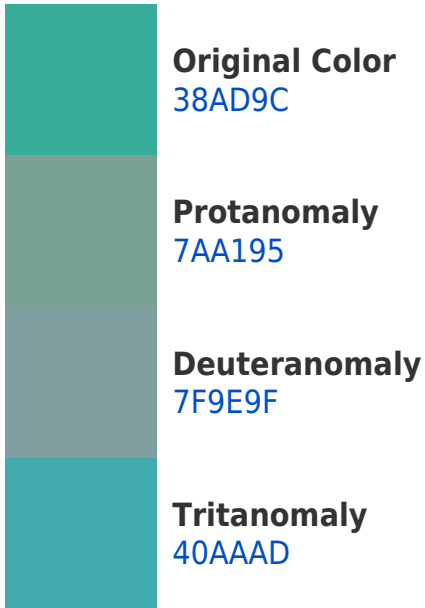
Dichromacy



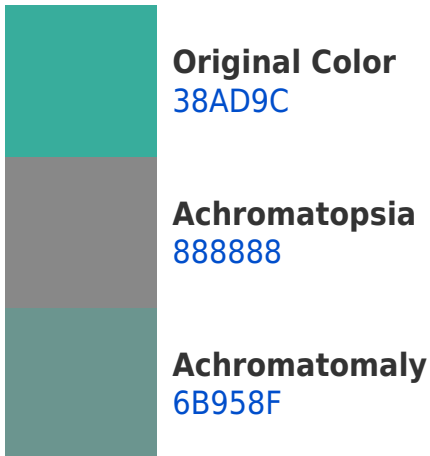


Tritanopia
45A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 38AD9C 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 #38AD9C looks like.

```
.text, #text, p{  
    color:#38AD9C  
}
```

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 #38AD9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38AD9C
}
```

Border

The CSS property to change the border of an element to Hex 38AD9C 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
#38AD9C }
```

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

```
.border{ border-color:#38AD9C }
```

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

Here you see how a box with a 4 pixel #38AD9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38AD9C; -webkit-box-shadow:4px 4px  
4px 4px #38AD9C; box-shadow:4px 4px 4px  
4px #38AD9C }
```

Background

The CSS property to change the background color of an element to Hex 38AD9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38AD9C }
```

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

```
.background{ background-color:#38AD9C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor