

Converting Colors

Hex(34A8AD)

Have a look what the booklet for
Hex(34A8AD) contains.

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Color

Hex(34A8AD)

Conversions

Conversions Part 1

Format	Color
Hex	34A8AD
RGB	52, 168, 173
RGB Percent	20%, 66%, 68%
CMY	0.7961, 0.3412, 0.3216
CMYK	0.70, 0.03, 0.00, 0.32
HSL	182°, 54%, 44%
HSV	182°, 70%, 68%
XYZ	22.9616, 31.7525, 44.4538
YIQ	133.8860, -70.7410, -23.0370

Conversions

Conversions Part 2

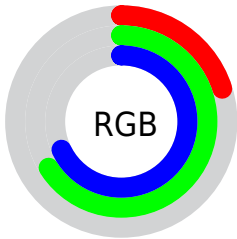
Format	Color
RYB	52, 111, 173
Decimal	3451053
CIELab	63.14, -29.71, -11.93
CIElCh	63, 32.011, 201.873
Yxy	31.7525, 0.2315, 0.3202
Android (android.graphics.Color)	4281641133 (0xFF34A8AD)
YUV	133.8860, 19.2832, -71.8140
Hunter-Lab	56.3493, -25.8748, -7.3292




Details

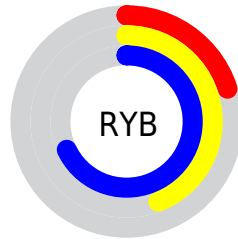
The Hex color **34A8AD** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AD3934**, and the grayscale version is **868686**.




A 20% lighter version of the original color is **74E0E4**, and **007379** is the 20% darker color. If you saturate the color by 10%, you get **23A7AD**, and if you desaturate by 10%, it is **45A9AD**.

Distribution







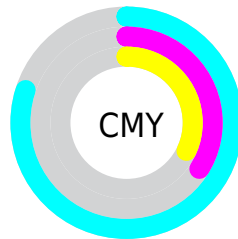
-  Red (20%)
-  Green (66%)
-  Blue (68%)






-  Red (20%)
-  Yellow (44%)
-  Blue (68%)



-  Cyan (70%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (32%)



-  Cyan (80%)
-  Magenta (34%)
-  Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34A8AD 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 34A8AD by changing the saturation by 10% instead.

 34A8AD

 34A8AD

FFFFFF

 008D92

 74E0E4

 007379

 92FCFF

 005A60

 AFFFFFFF

 004248

 CDFFFF

 002C32

 EBFFFF

 00141D

 000000

 34A8AD

 34A8AD

 23A7AD

 45A9AD

■ 11A7AD

■ 57A9AD

■ 00A6AD

■ 68AAAD

■ 79ABAD

■ 8BACAD

■ 9CACAD

■ ADADAD

■ BEAEAD

■ D0AEAD

Harmonies

Analogous

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



53A890



34A8AD



3BA5C5

Triad

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



34A8AD



B58ABC



B39460

Complementary

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



34A8AD



AD3934

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.



C88B6D



34A8AD



CB84A2

Square

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



34A8AD



9194CD



D18485



979E63

Rectangle

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



34A8AD



55A1CE



D18485



BB9163

Sweetspot

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



34A8AD



B1DEE0



34AD38



546F70



F0F0F0



707070

Same Dimension

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



34A8AD



24D9E0



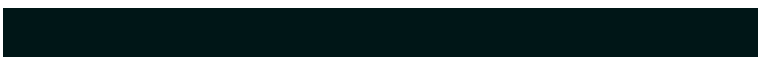
346CAD



4E5657



009096



001617

Inverse Universe

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



AD34A8



E024D9



AD7534



574E56



960090



170016

Previews

White Background



This preview shows how the Hex color 34A8AD looks on a white background.

Color Contrast Check

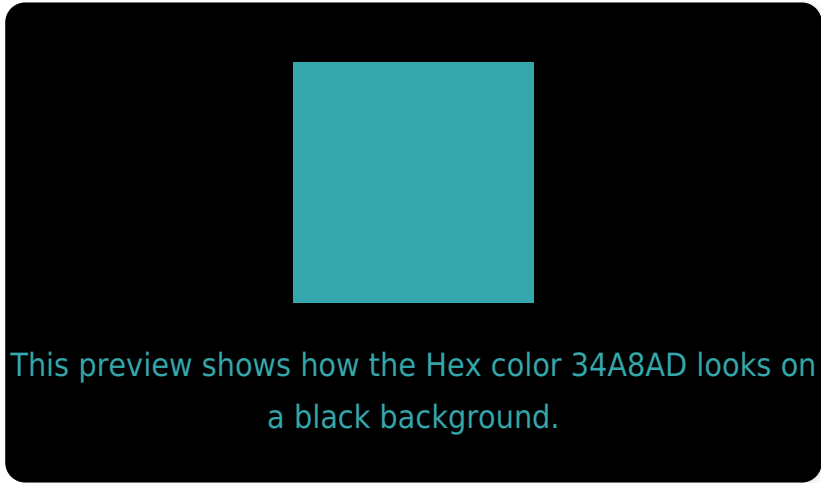
Large Text (above 18pt) WCAG AA × Fail

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

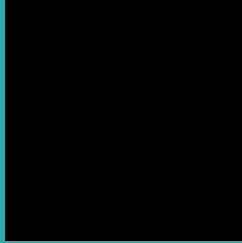
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

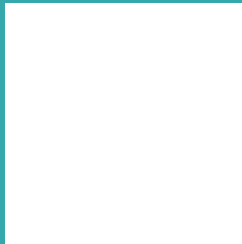
Any Text WCAG AAA ✓ Pass

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

Hex 34A8AD Background



This preview shows how black text looks on a background with the Hex color 34A8AD.

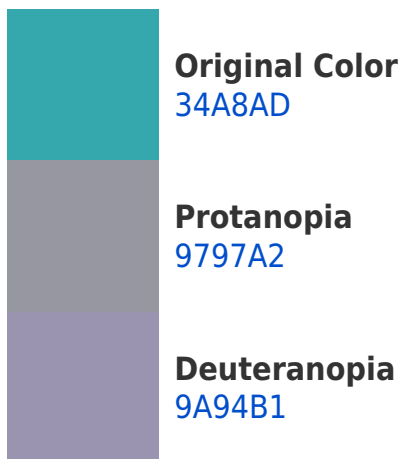


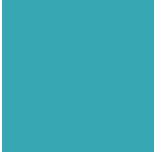
This preview shows how white text looks on a background with the Hex color 34A8AD.

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](#).

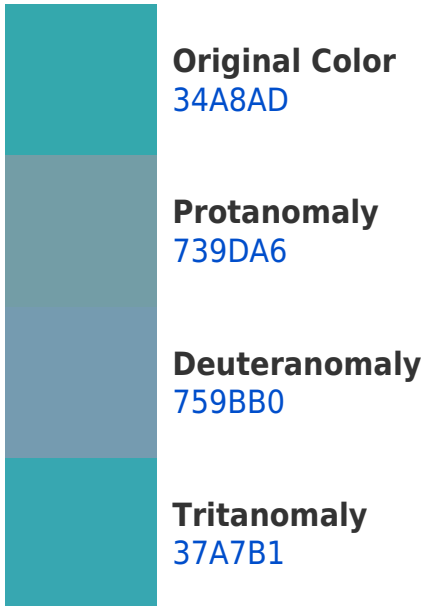
Dichromacy



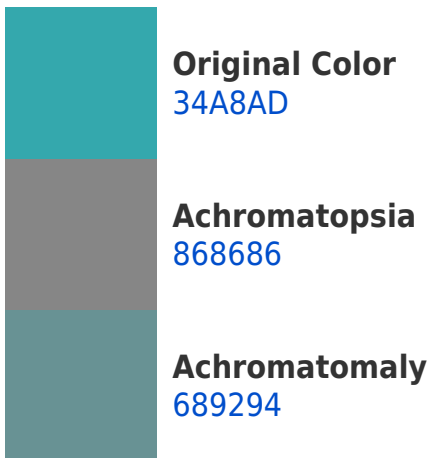


Tritanopia
38A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34A8AD 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 #34A8AD looks like.

```
.text, #text, p{  
    color:#34A8AD  
}
```

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 #34A8AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34A8AD
}
```

Border

The CSS property to change the border of an element to Hex 34A8AD 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
#34A8AD }
```

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

```
.border{ border-color:#34A8AD }
```

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

Here you see how a box with a 4 pixel #34A8AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34A8AD; -webkit-box-shadow:4px 4px  
4px 4px #34A8AD; box-shadow:4px 4px 4px  
4px #34A8AD }
```

Background

The CSS property to change the background color of an element to Hex 34A8AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34A8AD }
```

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

```
.background{ background-color:#34A8AD }
```

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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