

Converting Colors

Hex(34AAAD)

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

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Color

Hex(34AAAD)

Conversions

Conversions Part 1

Format	Color
Hex	34AAAD
RGB	52, 170, 173
RGB Percent	20%, 67%, 68%
CMY	0.7961, 0.3333, 0.3216
CMYK	0.70, 0.02, 0.00, 0.32
HSL	181°, 54%, 44%
HSV	181°, 70%, 68%
XYZ	23.3337, 32.4966, 44.5778
YIQ	135.0600, -71.2910, -24.0830

Conversions

Conversions Part 2

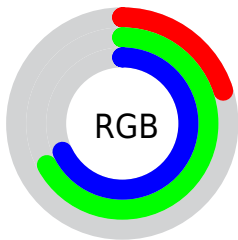
Format	Color
RYB	52, 112, 173
Decimal	3451565
CIELab	63.75, -30.68, -11.01
CIELCh	64, 32.592, 199.736
Yxy	32.4966, 0.2324, 0.3236
Android (android.graphics.Color)	4281641645 (0xFF34AAAD)
YUV	135.0600, 18.7044, -72.8436
Hunter-Lab	57.0058, -26.6963, -6.4599

Details

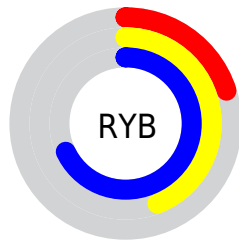
The Hex color **34AAAD** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AD3734**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **74E2E4**, and **007579** is the 20% darker color. If you saturate the color by 10%, you get **23AAAD**, and if you desaturate by 10%, it is **45AAAD**.

Distribution



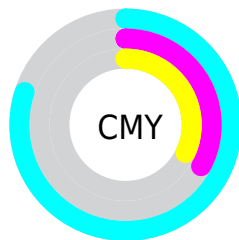
- Red (20%)
- Green (67%)
- Blue (68%)



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



- Cyan (70%)
- Magenta (2%)
- Yellow (0%)
- Black (32%)



- Cyan (80%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients

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

 34AAAD

 34AAAD

FFFFFF

 008F92

 74E2E4

 007579

 92FFFF

 005C60

 AFFFFFF

 004448

 CDFFFF

 002D32

 EBFFFF

 00171D

 000001

 000000

 34AAAD

 34AAAD

■ 23AAAD

■ 45AAAD

■ 11A9AD

■ 57ABAD

■ 00A9AD

■ 68ABAD

■ 79ACAD

■ 8BACAD

■ 9CADAD

■ ADADAD

■ BEADAD

■ D0AEAD

Harmonies

Analogous

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



55AA8F



34AAAD



37A7C6

Triad

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



34AAD



B58CC0



B79561

Complementary

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



34AAAD



AD3734

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.



CB8B6F



34AAAD



CD85A6

Square

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



34AAAD



9097D1



D48588



9B9F63

Rectangle

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



34AAAD



52A3D0



D48588



BF9264

Sweetspot

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



34AAAD



B1DFE0



34AD36



547070



F0F0F0



707070

Same Dimension

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



34AAAD



24DCE0



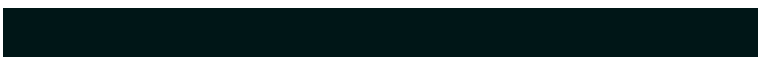
346EAD



4E5657



009396



001617

Inverse Universe

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



AD34AA



E024DC



AD7334



574E56



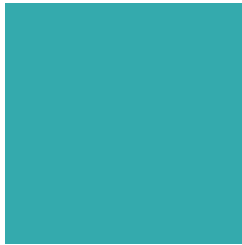
960093



170016

Previews

White Background



This preview shows how the Hex color 34AAAD 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 34AAAD 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 34AAAD Background



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

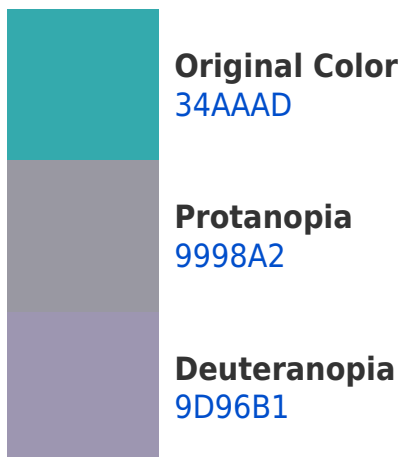


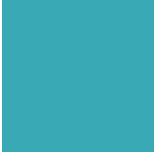
This preview shows how white text looks on a background with the Hex color 34AAAD.

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](#).

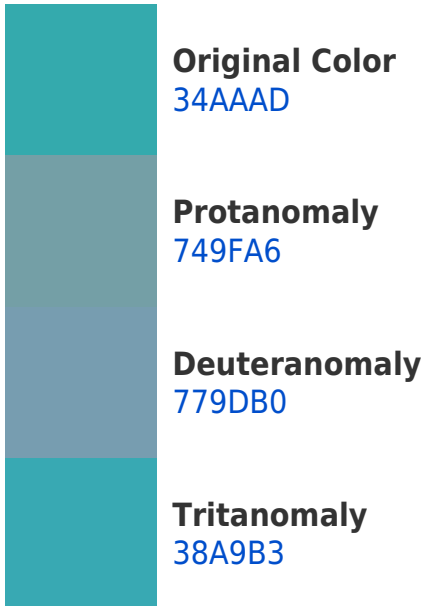
Dichromacy



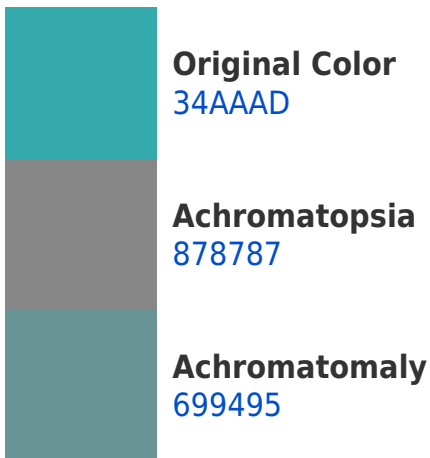


Tritanopia
3AA9B6

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #34AAAD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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