

Converting Colors

Hex(34D3AD)

Have a look what the booklet for
Hex(34D3AD) contains.

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Color

Hex(34D3AD)

Conversions

Conversions Part 1

Format	Color
Hex	34D3AD
RGB	52, 211, 173
RGB Percent	20%, 83%, 68%
CMY	0.7961, 0.1725, 0.3216
CMYK	0.75, 0.00, 0.18, 0.17
HSL	166°, 64%, 52%
HSV	166°, 75%, 83%
XYZ	32.2533, 50.3357, 47.5510
YIQ	159.1270, -82.5660, -45.5260

Conversions

Conversions Part 2

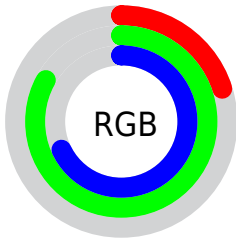
Format	Color
RYB	52, 142, 211
Decimal	3462061
CIELab	76.27, -48.99, 7.36
CIELCh	76, 49.535, 171.460
Yxy	50.3357, 0.2478, 0.3868
Android (android.graphics.Color)	4281652141 (0xFF34D3AD)
YUV	159.1270, 6.8394, -93.9504
Hunter-Lab	70.9477, -43.0112, 9.9256

Details

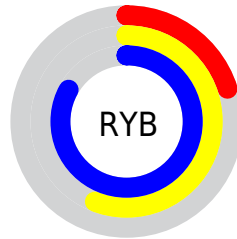
The Hex color **34D3AD** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D3345A**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **7AFFE4**, and **009B79** is the 20% darker color. If you saturate the color by 10%, you get **1FD3A8**, and if you desaturate by 10%, it is **49D3B2**.

Distribution



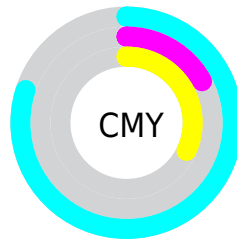
- Red (20%)
- Green (83%)
- Blue (68%)



- Red (20%)
- Yellow (56%)
- Blue (83%)



- Cyan (75%)
- Magenta (0%)
- Yellow (18%)
- Black (17%)



- Cyan (80%)
- Magenta (17%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34D3AD 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 34D3AD by changing the saturation by 10% instead.

 34D3AD

 34D3AD

FFFFFF

 00B792

 7AFFE4

 009B79

 99FFFF

 008160

 B8FFFF

 006748

 D7FFFF

 004D32

 F5FFFF

 00351D

 001E04

 000000

 34D3AD

 34D3AD

■ 1FD3A8

■ 49D3B2

■ 0AD3A3

■ 5ED3B7

■ 00D3A1

■ 73D3BC

■ 88D3C1

■ 9DD3C6

■ B3D3CB

■ C8D3D0

■ DDD3D5

■ F2D3DA

Harmonies

Analogous

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



82CE81



34D3AD



00D4DC

Triad

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



34D3AD



ACB5FF



FFA576

Complementary

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



34D3AD



D3345A

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.



FF989D



34D3AD



E8A4F6

Square

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



34D3AD



50C5FF



FF98CB



E4B560

Rectangle

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



34D3AD



00D1F7



FF98CB



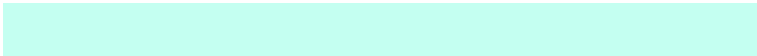
FFA082

Sweetspot

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



34D3AD



C4FFF1



5CD334



5C8077



000000



808080

Same Dimension

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



34D3AD



19FFC8



34ABD3



5E6966



00A880



00291F

Inverse Universe

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



D3345A



FF1950



D35C34



695E61



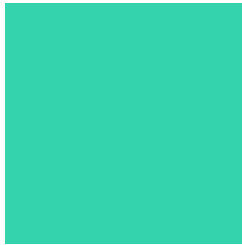
A80028



29000A

Previews

White Background



This preview shows how the Hex color 34D3AD 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 34D3AD 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 34D3AD Background



This preview shows how black text looks on a background with the Hex color 34D3AD.

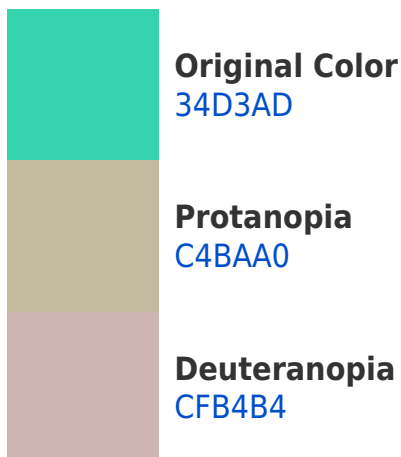


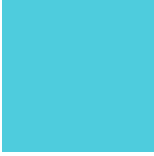
This preview shows how white text looks on a background with the Hex color 34D3AD.

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





Trichromacy



Original Color
34D3AD



Protanomaly
90C3A5

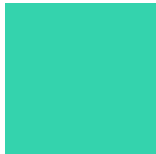


Deuteranomaly
97BFB1



Tritanomaly
45CFCC

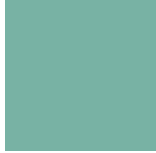
Monochromacy



Original Color
34D3AD



Achromatopsia
9F9F9F



Achromatomaly
78B2A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 34D3AD 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 #34D3AD looks like.

```
.text, #text, p{  
    color:#34D3AD  
}
```

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 #34D3AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34D3AD
}
```

Border

The CSS property to change the border of an element to Hex 34D3AD 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
#34D3AD }
```

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

```
.border{ border-color:#34D3AD }
```

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

Here you see how a box with a 4 pixel #34D3AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34D3AD; -webkit-box-shadow:4px 4px  
4px 4px #34D3AD; box-shadow:4px 4px 4px  
4px #34D3AD }
```

Background

The CSS property to change the background color of an element to Hex 34D3AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34D3AD }
```

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

```
.background{ background-color:#34D3AD }
```

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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