

Converting Colors

Hex(34D7A9)

Have a look what the booklet for
Hex(34D7A9) contains.

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Color

Hex(34D7A9)

Conversions

Conversions Part 1

Format	Color
Hex	34D7A9
RGB	52, 215, 169
RGB Percent	20%, 84%, 66%
CMY	0.7961, 0.1569, 0.3373
CMYK	0.76, 0.00, 0.21, 0.16
HSL	163°, 67%, 52%
HSV	163°, 76%, 84%
XYZ	32.8780, 52.1955, 45.8780
YIQ	161.0190, -82.3820, -48.8620

Conversions

Conversions Part 2

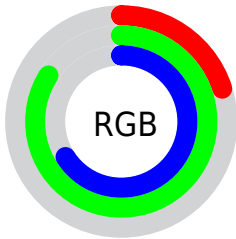
Format	Color
RYB	52, 147, 215
Decimal	3463081
CIELab	77.40, -51.59, 11.09
CIELCh	77, 52.767, 167.865
Yxy	52.1955, 0.2511, 0.3986
Android (android.graphics.Color)	4281653161 (0xFF34D7A9)
YUV	161.0190, 3.9346, -95.6097
Hunter-Lab	72.2465, -45.1992, 12.9221

Details

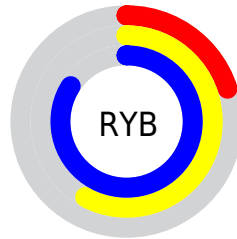
The Hex color **34D7A9** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D73462**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **7BFFE0**, and **009F75** is the 20% darker color. If you saturate the color by 10%, you get **1ED7A3**, and if you desaturate by 10%, it is **4AD7AF**.

Distribution



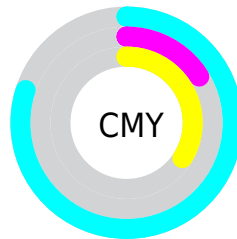
- Red (20%)
- Green (84%)
- Blue (66%)



- Red (20%)
- Yellow (58%)
- Blue (84%)



- Cyan (76%)
- Magenta (0%)
- Yellow (21%)
- Black (16%)



- Cyan (80%)
- Magenta (16%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34D7A9 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 34D7A9 by changing the saturation by 10% instead.



34D7A9



34D7A9

FFFFFF



00BB8F



7BFFE0



009F75



9AFFFD



00845C



B9FFFF



006A45



D7FFFF



00512E



F6FFFF



003819



002100



000000



34D7A9



34D7A9

■ 1ED7A3

■ 4AD7AF

■ 09D79D

■ 5FD7B5

■ 00D79A

■ 75D7BB

■ 8AD7C1

■ A0D7C7

■ B5D7CD

■ CBD7D3

■ E0D7DA

■ F6D7E0

Harmonies

Analogous

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



88D17B



34D7A9



00D8DC

Triad

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



34D7A9



A3BAFF



FFA479

Complementary

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



34D7A9



D73462

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.



FF98A4



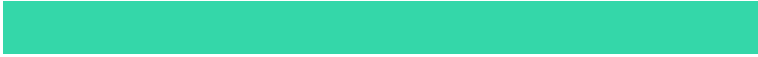
34D7A9



E8A7FF

Square

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



34D7A9



2BCAFF



FF99D5



EEB65E

Rectangle

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



34D7A9



00D6FA



FF99D5



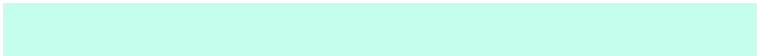
FF9F86

Sweetspot

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



34D7A9



C4FFEE



62D734



5C8075



000000



808080

Same Dimension

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



34D7A9



17FFBE



34B4D7



606B68



00AB7B



002B1F

Inverse Universe

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



D73462



FF1758



D75734



6B6063



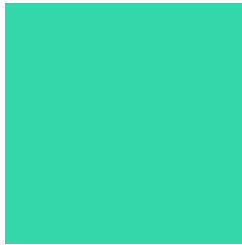
AB0030



2B000C

Previews

White Background



This preview shows how the Hex color 34D7A9 looks on a white background.

Color Contrast Check

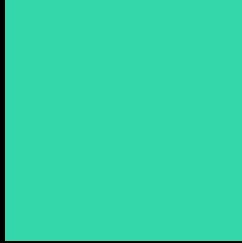
Large Text (above 18pt) WCAG AA × Fail

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 34D7A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

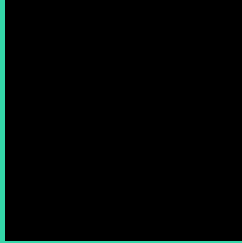
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

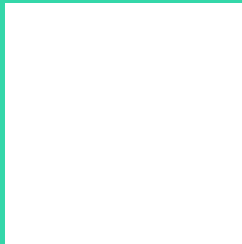
Any Text WCAG AAA ✓ Pass

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

Hex 34D7A9 Background



This preview shows how black text looks on a background with the Hex color 34D7A9.

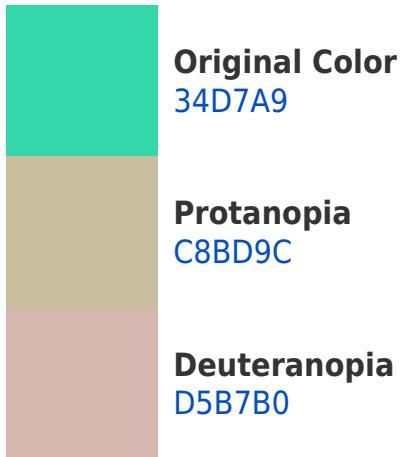


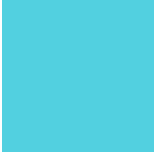
This preview shows how white text looks on a background with the Hex color 34D7A9.

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
52D0E0

Trichromacy



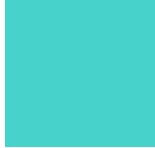
Original Color
34D7A9



Protanomaly
92C6A1



Deuteranomaly
9AC3AD

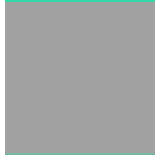


Tritanomaly
47D3CC

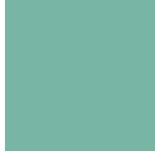
Monochromacy



Original Color
34D7A9



Achromatopsia
A1A1A1



Achromatomaly
79B5A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 34D7A9 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 #34D7A9 looks like.

```
.text, #text, p{  
    color:#34D7A9  
}
```

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 #34D7A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34D7A9
}
```

Border

The CSS property to change the border of an element to Hex 34D7A9 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
#34D7A9 }
```

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

```
.border{ border-color:#34D7A9 }
```

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

Here you see how a box with a 4 pixel #34D7A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34D7A9; -webkit-box-shadow:4px 4px  
4px 4px #34D7A9; box-shadow:4px 4px 4px  
4px #34D7A9 }
```

Background

The CSS property to change the background color of an element to Hex 34D7A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34D7A9 }
```

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

```
.background{ background-color:#34D7A9 }
```

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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