

# Converting Colors

Hex(34AD7F)

Have a look what the booklet for  
Hex(34AD7F) contains.

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# Color

Hex(34AD7F)

# Conversions

## Conversions Part 1

Format	Color
Hex	34AD7F
RGB	52, 173, 127
RGB Percent	20%, 68%, 50%
CMY	0.7961, 0.3216, 0.5020
CMYK	0.70, 0.00, 0.27, 0.32
HSL	157°, 54%, 44%
HSV	157°, 70%, 68%
XYZ	20.1905, 32.1495, 25.2200
YIQ	131.5770, -57.3500, -39.9580

# Conversions

## Conversions Part 2

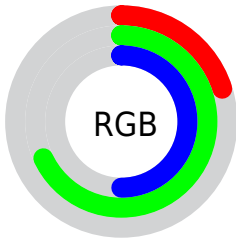
Format	Color
<a href="#">RYB</a>	<a href="#">52, 127, 173</a>
Decimal	<a href="#">3452287</a>
CIELab	<a href="#">63.47, -44.19, 14.18</a>
CIELCh	<a href="#">63, 46.411, 162.204</a>
Yxy	<a href="#">32.1495, 0.2603, 0.4145</a>
Android (android.graphics.Color)	<a href="#">4281642367 (0xFF34AD7F)</a>
YUV	<a href="#">131.5770, -2.2565, -69.7890</a>
Hunter-Lab	<a href="#">56.7005, -35.6638, 13.3186</a>

# Details

The Hex color **34AD7F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AD3462**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **72E5B4**, and **00784E** is the 20% darker color. If you saturate the color by 10%, you get **23AD78**, and if you desaturate by 10%, it is **45AD86**.

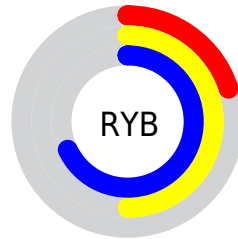
# Distribution



Red (20%)

Green (68%)

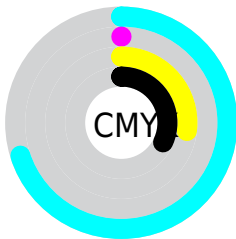
Blue (50%)



Red (20%)

Yellow (50%)

Blue (68%)

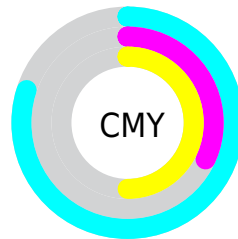


Cyan (70%)

Magenta (0%)

Yellow (27%)

Black (32%)



Cyan (80%)

Magenta (32%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34AD7F 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 34AD7F by changing the saturation by 10% instead.



 34AD7F

 34AD7F

FFFFFF

 009266

 72E5B4

 00784E

 8FFFCF

 005E37

 ACFFEC

 004521

 C9FFFF

 002E0C

 E7FFFF

 001400

 000000

 34AD7F

 34AD7F

 23AD78

 45AD86

■ 11AD72

■ 57AD8C

■ 00AD6B

■ 68AD93

■ 79AD99

■ 8BADA0

■ 9CADA6

■ ADADAD

■ BEADB4

■ D0ADBA

# Harmonies

## Analogous

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



74A75A



34AD7F



00AFAA

# Triad

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



34AD7F



7398EA



E08064

# Complementary

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



34AD7F



AD3462

# 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.



E8778A



34AD7F



B388D7

# Square

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



34AD7F



00A5E8



D97BB4



C78F4A

# Rectangle

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



34AD7F



00AEC4



D97BB4



E57C70



# Sweetspot

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



34AD7F



B1E0CE



62AD34



547066



F0F0F0



707070



# Same Dimension

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



34AD7F



24E099



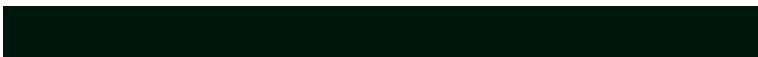
349FAD



4E5753



00965D



00170E



# Inverse Universe

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



AD3462



E0246C



AD4234



574E51



960039



170009



# Previews

## White Background



This preview shows how the Hex color 34AD7F looks on a white background.

## Color Contrast Check

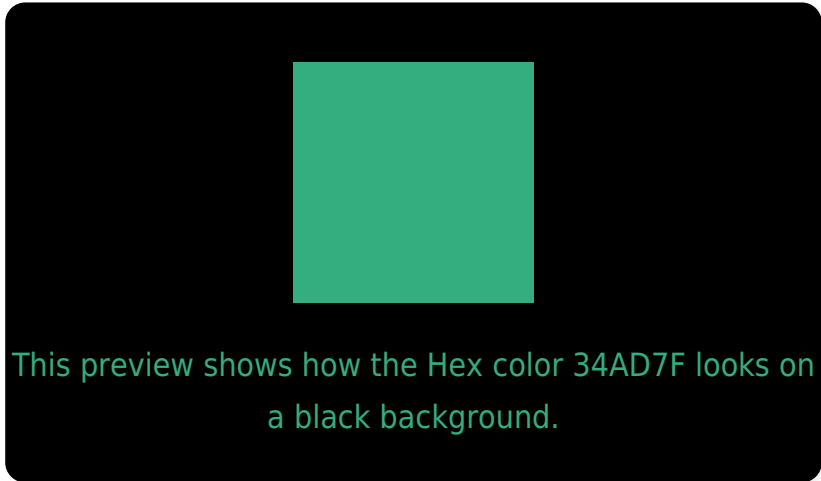
Large Text (above 18pt) WCAG AA × Fail

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

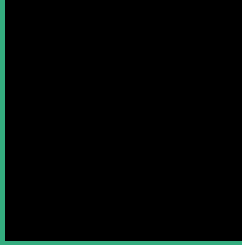
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 34AD7F Background



This preview shows how black text looks on a background with the Hex color 34AD7F.

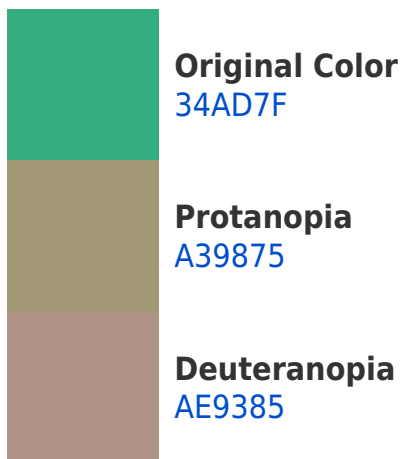


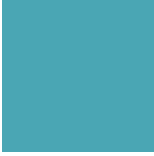
This preview shows how white text looks on a background with the Hex color 34AD7F.

# 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](#).

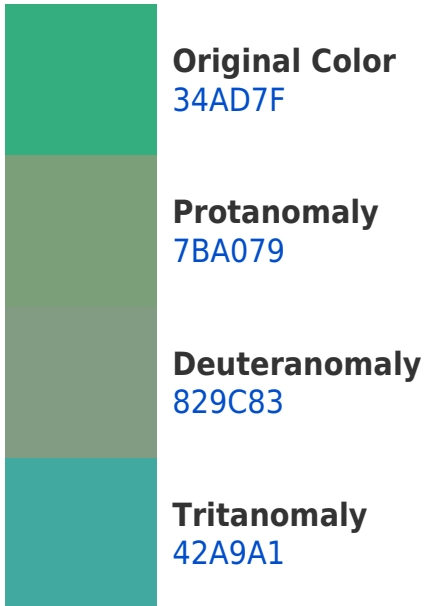
## Dichromacy



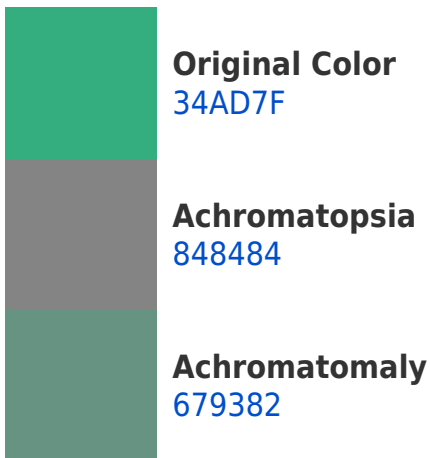


**Tritanopia**  
4AA6B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34AD7F 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 #34AD7F looks like.

```
.text, #text, p{  
    color:#34AD7F  
}
```

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 #34AD7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34AD7F
}
```

## Border

The CSS property to change the border of an element to Hex 34AD7F 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
#34AD7F }
```

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

```
.border{ border-color:#34AD7F }
```

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

Here you see how a box with a 4 pixel #34AD7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34AD7F; -webkit-box-shadow:4px 4px  
4px 4px #34AD7F; box-shadow:4px 4px 4px  
4px #34AD7F }
```

# Background

The CSS property to change the background color of an element to Hex 34AD7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34AD7F }
```

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

```
.background{ background-color:#34AD7F }
```

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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