

# Converting Colors

Hex(35AD7D)

Have a look what the booklet for  
Hex(35AD7D) contains.

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**Color**

**Hex(35AD7D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35AD7D
RGB	53, 173, 125
RGB Percent	21%, 68%, 49%
CMY	0.7922, 0.3216, 0.5098
CMYK	0.69, 0.00, 0.28, 0.32
HSL	156°, 53%, 44%
HSV	156°, 69%, 68%
XYZ	20.1134, 32.1247, 24.5426
YIQ	131.6480, -56.1120, -40.3680

# Conversions

## Conversions Part 2

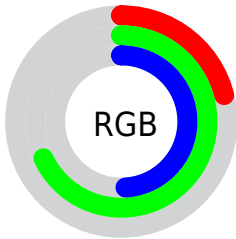
Format	Color
<a href="#">RYB</a>	<a href="#">53, 128, 173</a>
Decimal	<a href="#">3517821</a>
CIELab	<a href="#">63.45, -44.48, 15.26</a>
CIElCh	<a href="#">63, 47.027, 161.067</a>
Yxy	<a href="#">32.1247, 0.2620, 0.4184</a>
Android (android.graphics.Color)	<a href="#">4281707901 (0xFF35AD7D)</a>
YUV	<a href="#">131.6480, -3.2775, -68.9743</a>
Hunter-Lab	<a href="#">56.6786, -35.8437, 14.0017</a>

# Details

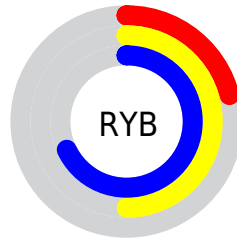
The Hex color **35AD7D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AD3565**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **73E5B2**, and **00784C** is the 20% darker color. If you saturate the color by 10%, you get **24AD76**, and if you desaturate by 10%, it is **46AD84**.

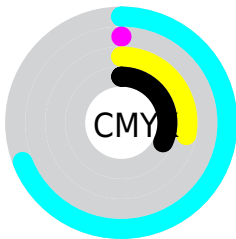
# Distribution



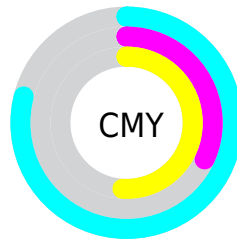
- Red (21%)
- Green (68%)
- Blue (49%)



- Red (21%)
- Yellow (50%)
- Blue (68%)



- Cyan (69%)
- Magenta (0%)
- Yellow (28%)
- Black (32%)



- Cyan (79%)
- Magenta (32%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35AD7D 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 35AD7D by changing the saturation by 10% instead.



 35AD7D

 35AD7D

FFFFFF

 029264

 73E5B2

 00784C

 90FFCD

 005E35

 ADFFE9

 00451F

 CAFFFF

 002E09

 E8FFFF

 001400

 000000

 35AD7D

 35AD7D

 24AD76

 46AD84

■ 12AD6F

■ 58AD8B

■ 01AD68

■ 69AD92

■ 00AD68

■ 7AAD99

■ 8CADA0

■ 9DADA7

■ AEADAD

■ BFADB4

■ D1ADBB

# Harmonies

## Analogous

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



76A758



35AD7D



00AFA8

# Triad

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



35AD7D



6F99EC



E17F65

# Complementary

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



35AD7D



AD3565

# 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.



E8768C



35AD7D



B189D9

# Square

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



35AD7D



00A5E8



D97AB6



C88E4A

# Rectangle

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



35AD7D



00AEC4



D97AB6



E67B71



# Sweetspot

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



35AD7D



B1E0CE



65AD35



547065



F0F0F0



707070



# Same Dimension

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



35AD7D



26E096



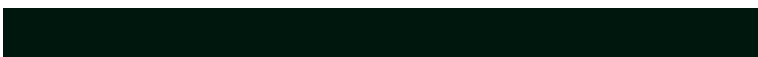
35A1AD



4E5753



00965A



00170E



# Inverse Universe

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



AD3565



E02671



AD4135



574E51



96003C



170009



# Previews

## White Background



This preview shows how the Hex color 35AD7D looks on a white background.

## Color Contrast Check

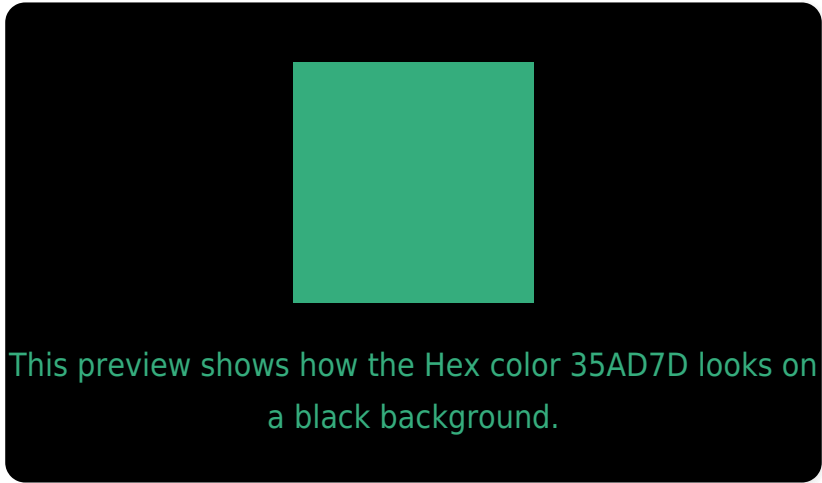
Large Text (above 18pt) WCAG AA × Fail

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 35AD7D Background



This preview shows how black text looks on a background with the Hex color 35AD7D.



This preview shows how white text looks on a background with the Hex color 35AD7D.

# 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](#).

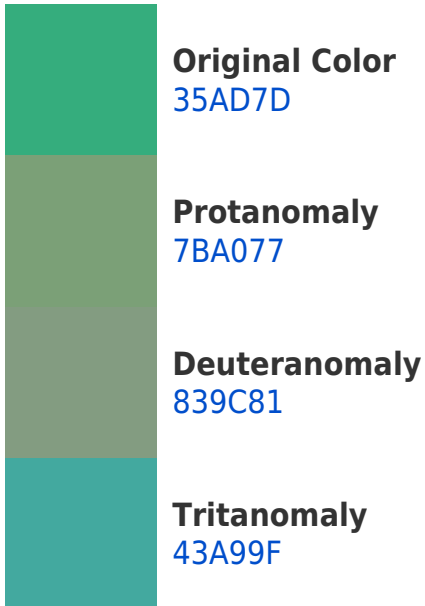
## Dichromacy





**Tritanopia**  
4BA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35AD7D 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 #35AD7D looks like.

```
.text, #text, p{  
    color:#35AD7D  
}
```

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 #35AD7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35AD7D
}
```

## Border

The CSS property to change the border of an element to Hex 35AD7D 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
#35AD7D }
```

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

```
.border{ border-color:#35AD7D }
```

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

Here you see how a box with a 4 pixel #35AD7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35AD7D; -webkit-box-shadow:4px 4px  
4px 4px #35AD7D; box-shadow:4px 4px 4px  
4px #35AD7D }
```

# Background

The CSS property to change the background color of an element to Hex 35AD7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35AD7D }
```

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

```
.background{ background-color:#35AD7D }
```

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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