

# Converting Colors

Hex(35E6AD)

Have a look what the booklet for  
Hex(35E6AD) contains.

<b>Hex(35E6AD)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(35E6AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35E6AD
RGB	53, 230, 173
RGB Percent	21%, 90%, 68%
CMY	0.7922, 0.0980, 0.3216
CMYK	0.77, 0.00, 0.25, 0.10
HSL	161°, 78%, 55%
HSV	161°, 77%, 90%
XYZ	37.3078, 60.3676, 49.2210
YIQ	170.5790, -87.1950, -55.2510

# Conversions

## Conversions Part 2

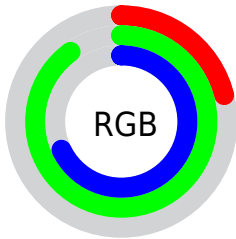
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 158, 230
Decimal	3532461
CIELab	82.04, -56.48, 15.54
CIElCh	82, 58.581, 164.621
Yxy	60.3676, 0.2540, 0.4110
Android (android.graphics.Color)	4281722541 (0xFF35E6AD)
YUV	170.5790, 1.1936, -103.1168
Hunter-Lab	77.6966, -50.2582, 16.8273




# Details

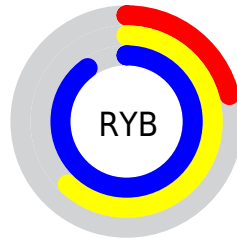
The Hex color **35E6AD** is a light color, and the websafe version is hex **00CC99**. The color can be described as light washed spring green. A complement of this color would be **E6356E**, and the grayscale version is **ABABAB**.




A 20% lighter version of the original color is **7EFFE5**, and **00AD79** is the 20% darker color. If you saturate the color by 10%, you get **1EE6A6**, and if you desaturate by 10%, it is **4CE6B4**.

# Distribution







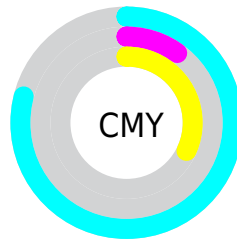
-  Red (21%)
-  Green (90%)
-  Blue (68%)






-  Red (21%)
-  Yellow (62%)
-  Blue (90%)



-  Cyan (77%)
-  Magenta (0%)
-  Yellow (25%)
-  Black (10%)



-  Cyan (79%)
-  Magenta (10%)
-  Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35E6AD 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 35E6AD by changing the saturation by 10% instead.



 35E6AD

 35E6AD

FFFFFF

 00C992

 7EFFE5

 00AD79

 9EFFFF

 009260

 BDFFFF

 007748

 DCFFFF

 005D31

 FCFFFF

 00441C

 002D03

 000E00

 000000

 35E6AD

 35E6AD

 1EE6A6

 4CE6B4

 07E69E

 63E6BC

 00E69C

 7AE6C3

 91E6CB

 A8E6D2

 BFE6D9

 D6E6E1

 EDE6E8

 FFE6F0

# Harmonies

## Analogous

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



95DF7B



35E6AD



00E8E6

# Triad

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



35E6AD



A0C9FF



FFAB81

# Complementary

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



35E6AD



E6356E

# 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.



FF9EB3



35E6AD



F3B3FF

# Square

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



35E6AD



00DAFF



FFA1EB



FFBF60

# Rectangle

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



35E6AD



00E6FF



FFA1EB



FFA590

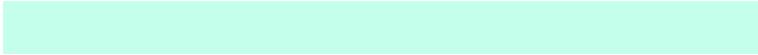


# Sweetspot

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



35E6AD



C4FFEC



70E635



5C8074



000000



808080



# Same Dimension

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



35E6AD



14FFB3



35C8E6



67736F



00B379



003323



# Inverse Universe

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



E6356E



FF1460



E65235



73676B



B30039

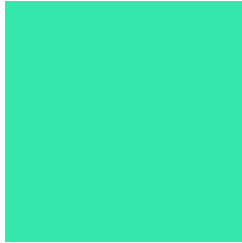


330010



# Previews

## White Background



This preview shows how the Hex color 35E6AD looks on a white background.

## Color Contrast Check

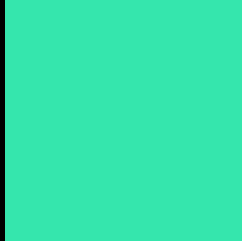
Large Text (above 18pt) WCAG AA × Fail

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 35E6AD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

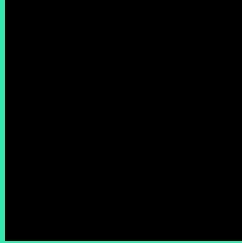
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

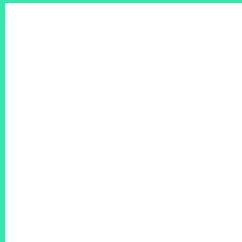
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 35E6AD Background



This preview shows how black text looks on a background with the Hex color 35E6AD.

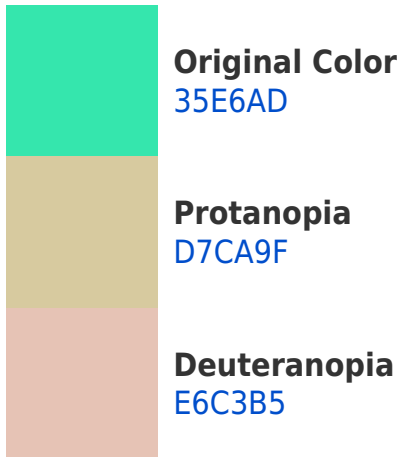


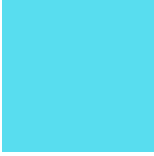
This preview shows how white text looks on a background with the Hex color 35E6AD.

# 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**  
58DDEF

# Trichromacy



**Original Color**  
35E6AD



**Protanomaly**  
9CD4A4



**Deuteranomaly**  
A6D0B2

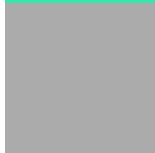


**Tritanomaly**  
4BE0D7

# Monochromacy



**Original Color**  
35E6AD



**Achromatopsia**  
ABABAB



**Achromatomaly**  
80C0AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35E6AD 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 #35E6AD looks like.

```
.text, #text, p{  
    color:#35E6AD  
}
```

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 #35E6AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35E6AD
}
```

## Border

The CSS property to change the border of an element to Hex 35E6AD 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
#35E6AD }
```

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

```
.border{ border-color:#35E6AD }
```

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

Here you see how a box with a 4 pixel #35E6AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35E6AD; -webkit-box-shadow:4px 4px  
4px 4px #35E6AD; box-shadow:4px 4px 4px  
4px #35E6AD }
```

# Background

The CSS property to change the background color of an element to Hex 35E6AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35E6AD }
```

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

```
.background{ background-color:#35E6AD }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor