

# Converting Colors

Hex(3AD66E)

Have a look what the booklet for  
Hex(3AD66E) contains.

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**Color**

**Hex(3AD66E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3AD66E
RGB	58, 214, 110
RGB Percent	23%, 84%, 43%
CMY	0.7725, 0.1608, 0.5686
CMYK	0.73, 0.00, 0.49, 0.16
HSL	140°, 66%, 53%
HSV	140°, 73%, 84%
XYZ	28.6060, 50.1185, 22.9180
YIQ	155.5000, -59.5920, -65.4160

# Conversions

## Conversions Part 2

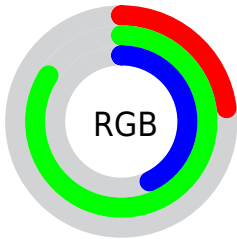
Format	Color
<a href="#">RYB</a>	<a href="#">58, 175, 214</a>
Decimal	<a href="#">3855982</a>
CIELab	<a href="#">76.14, -62.09, 39.90</a>
CIElCh	<a href="#">76, 73.801, 147.276</a>
Yxy	<a href="#">50.1185, 0.2814, 0.4931</a>
Android (android.graphics.Color)	<a href="#">4282046062</a> ( <a href="#">0xFF3AD66E</a> )
YUV	<a href="#">155.5000, -22.4315, -85.5075</a>
Hunter-Lab	<a href="#">70.7944, -51.7635, 30.3624</a>

# Details

The Hex color **3AD66E** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **D63AA2**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **7EFFA3**, and **009E3B** is the 20% darker color. If you saturate the color by 10%, you get **25D660**, and if you desaturate by 10%, it is **4FD67C**.

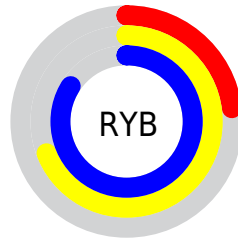
# Distribution



Red (23%)

Green (84%)

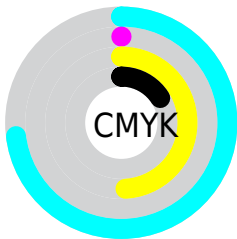
Blue (43%)



Red (23%)

Yellow (69%)

Blue (84%)

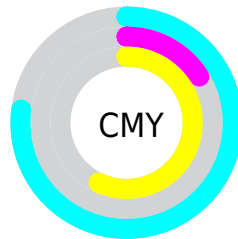


Cyan (73%)

Magenta (0%)

Yellow (49%)

Black (16%)



Cyan (77%)

Magenta (16%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3AD66E 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 3AD66E by changing the saturation by 10% instead.



 3AD66E

 3AD66E

FFFFFF

 00BA54

 7EFFA3

 009E3B

 9DFFBF

 008322

 BBFFDB

 006804

 DAFFF8

 004F00

 F8FFFF

 003700

 001E00

 000000

 3AD66E

 3AD66E

 25D660

 4FD67C

 0FD651

 65D68B

 00D647

 7AD699

 90D6A7

 A5D6B5

 BAD6C4

 D0D6D2

 E5D6E0

 FBD6EE

# Harmonies

## Analogous

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



A1CA34



3AD66E



00DBB3

# Triad

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



3AD66E



00C6FF



FF8181

# Complementary

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



3AD66E



D63AA2

# 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.



FF7AC5



3AD66E



B0ACFF

# Square

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



3AD66E



00D5FF



FF8EFF



FF9C47

# Rectangle

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



3AD66E



00DCE2



FF8EFF



FF7C97

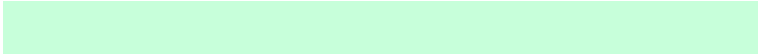


# Sweetspot

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



3AD66E



C7FFDA



A2D63A



5E8069



000000



808080



# Same Dimension

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



3AD66E



21FF6B



3AD6BC



606B64



00AB39



002B0E



# Inverse Universe

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



D63AA2



FF21B5



D63A54



6B6068



AB0072

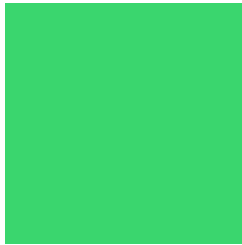


2B001D



# Previews

## White Background



This preview shows how the Hex color 3AD66E 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 3AD66E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

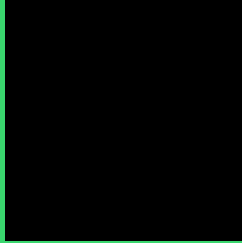
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3AD66E Background



This preview shows how black text looks on a background with the Hex color 3AD66E.

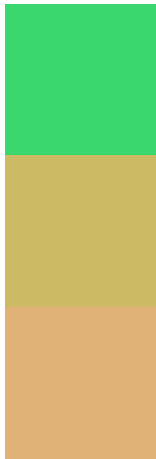


This preview shows how white text looks on a background with the Hex color 3AD66E.

# 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](#).

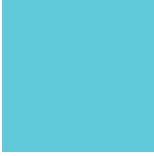
## Dichromacy



**Original Color**  
3AD66E

**Protanopia**  
CDBA64

**Deuteranopia**  
E0B277



# Trichromacy



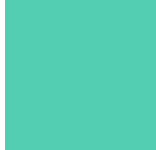
**Original Color**  
3AD66E



**Protanomaly**  
98C468



**Deuteranomaly**  
A4BF74

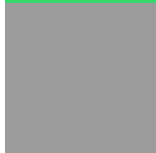


**Tritanomaly**  
53CEB3

# Monochromacy



**Original Color**  
3AD66E



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
78B18B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3AD66E 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 #3AD66E looks like.

```
.text, #text, p{  
    color:#3AD66E  
}
```

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 #3AD66E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AD66E
}
```

## Border

The CSS property to change the border of an element to Hex 3AD66E 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
#3AD66E }
```

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

```
.border{ border-color:#3AD66E }
```

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

Here you see how a box with a 4 pixel #3AD66E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AD66E; -webkit-box-shadow:4px 4px  
4px 4px #3AD66E; box-shadow:4px 4px 4px  
4px #3AD66E }
```

# Background

The CSS property to change the background color of an element to Hex 3AD66E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AD66E }
```

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

```
.background{ background-color:#3AD66E }
```

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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