

# Converting Colors

Hex(3AD071)

Have a look what the booklet for  
Hex(3AD071) contains.

<b>Hex(3AD071)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(3AD071)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3AD071
RGB	58, 208, 113
RGB Percent	23%, 82%, 44%
CMY	0.7725, 0.1843, 0.5569
CMYK	0.72, 0.00, 0.46, 0.18
HSL	142°, 61%, 52%
HSV	142°, 72%, 82%
XYZ	27.2814, 47.2035, 23.2961
YIQ	152.3200, -58.9050, -61.3450

# Conversions

## Conversions Part 2

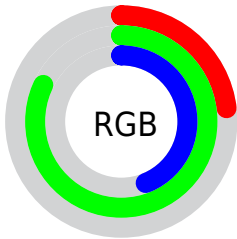
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">58, 168, 208</a>
Decimal	<a href="#">3854449</a>
CIELab	<a href="#">74.32, -59.49, 36.10</a>
CIELCh	<a href="#">74, 69.586, 148.746</a>
Yxy	<a href="#">47.2035, 0.2790, 0.4827</a>
Android (android.graphics.Color)	<a href="#">4282044529 (0xFF3AD071)</a>
YUV	<a href="#">152.3200, -19.3848, -82.7186</a>
Hunter-Lab	<a href="#">68.7048, -49.3544, 27.9896</a>

# Details

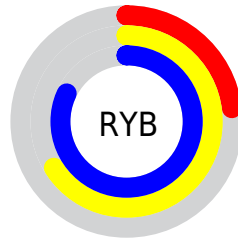
The Hex color **3AD071** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **D03A99**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **7DFFA6**, and **00983F** is the 20% darker color. If you saturate the color by 10%, you get **25D064**, and if you desaturate by 10%, it is **4FD07E**.

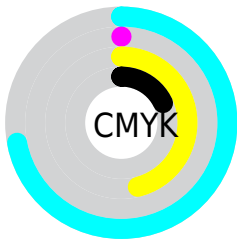
# Distribution



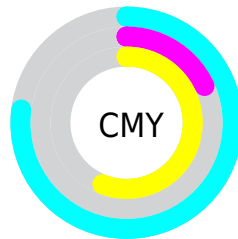
- Red (23%)
- Green (82%)
- Blue (44%)



- Red (23%)
- Yellow (66%)
- Blue (82%)



- Cyan (72%)
- Magenta (0%)
- Yellow (46%)
- Black (18%)



- Cyan (77%)
- Magenta (18%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3AD071 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 3AD071 by changing the saturation by 10% instead.



 3AD071

 3AD071

FFFFFF

 00B458

 7DFFA6

 00983F

 9BFFC2

 007D26

 B9FFDE

 00630C

 D8FFFB

 004A00

 F6FFFF

 003300

 001800

 000000

 3AD071

 3AD071

 25D064

 4FD07E

 10D057

 64D08B

 00D04C

 78D099

 8DD0A6

 A2D0B3

 B7D0C0

 CCD0CD

 E0D0DA

 F5D0E8

# Harmonies

## Analogous

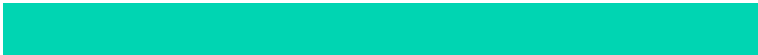
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9BC53C



3AD071



00D5B2

# Triad

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



3AD071



00BFFF



FF827D

# Complementary

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



3AD071



D03A99

# 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.



FF7ABC



3AD071



B2A7FF

# Square

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



3AD071



00CEFF



FF8BFA



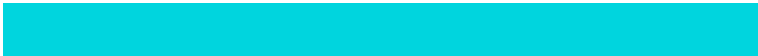
FF9A48

# Rectangle

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



3AD071



00D5DE



FF8BFA



FF7D91

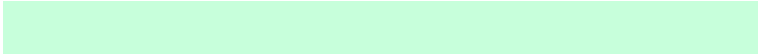


# Sweetspot

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



3AD071



C7FFDB



99D03A



5E806B



000000



808080



# Same Dimension

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



3AD071



21FF72



3AD0BC



5E6962



00A83E



00290F



# Inverse Universe

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



D03A99



FF21AE



D03A4E



695E65



A8006B



29001A



# Previews

## White Background



This preview shows how the Hex color 3AD071 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 3AD071 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

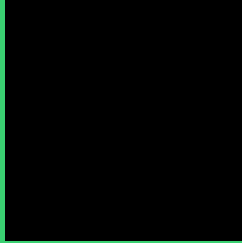
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3AD071 Background



This preview shows how black text looks on a background with the Hex color 3AD071.

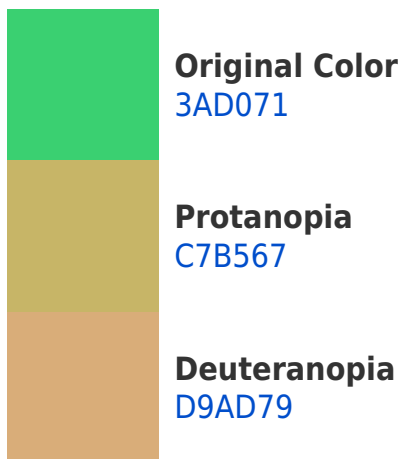


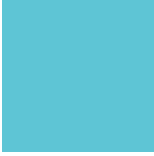
This preview shows how white text looks on a background with the Hex color 3AD071.

# 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





# Trichromacy



**Original Color**  
3AD071



**Protanomaly**  
94BF6B



**Deuteranomaly**  
9FBA76



**Tritanomaly**  
51C9B1

# Monochromacy



**Original Color**  
3AD071



**Achromatopsia**  
989898



**Achromatomaly**  
76AC8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3AD071 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 #3AD071 looks like.

```
.text, #text, p{  
    color:#3AD071  
}
```

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 #3AD071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AD071
}
```

## Border

The CSS property to change the border of an element to Hex 3AD071 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
#3AD071 }
```

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

```
.border{ border-color:#3AD071 }
```

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

Here you see how a box with a 4 pixel #3AD071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AD071; -webkit-box-shadow:4px 4px  
4px 4px #3AD071; box-shadow:4px 4px 4px  
4px #3AD071 }
```

# Background

The CSS property to change the background color of an element to Hex 3AD071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AD071 }
```

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

```
.background{ background-color:#3AD071 }
```

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