

# Converting Colors

Hex(4ADD65)

Have a look what the booklet for  
Hex(4ADD65) contains.

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# **Color**

**Hex(4ADD65)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4ADD65
RGB	74, 221, 101
RGB Percent	29%, 87%, 40%
CMY	0.7098, 0.1333, 0.6039
CMYK	0.67, 0.00, 0.54, 0.13
HSL	131°, 68%, 58%
HSV	131°, 67%, 87%
XYZ	31.0295, 54.1083, 21.1205
YIQ	163.3670, -49.0920, -68.4840

# Conversions

## Conversions Part 2

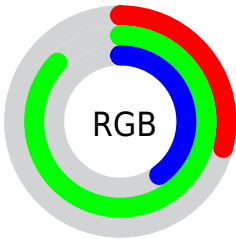
Format	Color
<a href="#">RYB</a>	<a href="#">74, 198, 221</a>
Decimal	<a href="#">4906341</a>
CIELab	<a href="#">78.52, -63.15, 47.20</a>
CIELCh	<a href="#">79, 78.842, 143.226</a>
Yxy	<a href="#">54.1083, 0.2920, 0.5092</a>
Android (android.graphics.Color)	<a href="#">4283096421 (0xFF4ADD65)</a>
YUV	<a href="#">163.3670, -30.7469, -78.3749</a>
Hunter-Lab	<a href="#">73.5584, -53.4297, 34.4672</a>

# Details

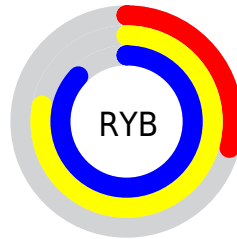
The Hex color **4ADD65** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **DD4AC2**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **8BFF9B**, and **00A531** is the 20% darker color. If you saturate the color by 10%, you get **34DD53**, and if you desaturate by 10%, it is **60DD77**.

# Distribution



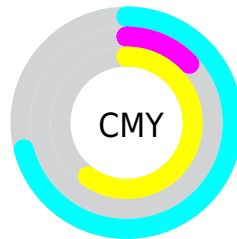
- Red (29%)
- Green (87%)
- Blue (40%)



- Red (29%)
- Yellow (78%)
- Blue (87%)



- Cyan (67%)
- Magenta (0%)
- Yellow (54%)
- Black (13%)



- Cyan (71%)
- Magenta (13%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4ADD65 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 4ADD65 by changing the saturation by 10% instead.



 4ADD65

 4ADD65

FFFFFF

 1FC04B


 8BFF9B

 00A531

 A9FFB6

 008914

 C7FFD2

 006F00

 E6FFEf

 005500

 003C00

 002400

 000000

 4ADD65

 4ADD65

 34DD53

 60DD77

 1EDD41

 76DD89

 08DD2F

 8CDD9B

 00DD29

 A2DDAD

 B9DDBF

 CFDDD1

 E5DDE3

 FBDDF5

 FFDDFF

# Harmonies

## Analogous

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



AFCF25



4ADD65



00E4AF

# Triad

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



4ADD65



00D0FF



FF7F8D

# Complementary

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



4ADD65



DD4AC2

# 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.



FF7BD6



4ADD65



A2B6FF

# Square

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



4ADD65



00DFFF



FF95FF



FF9B4C

# Rectangle

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



4ADD65



00E5E2



FF95FF



FF7AA5

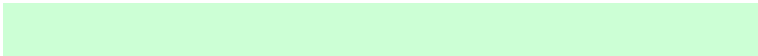


# Sweetspot

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



4ADD65



CCFFD5



C2DD4A



618067



000000



808080



# Same Dimension

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



4ADD65



33FF58



4ADDAE



636E65



00AD20



002E08



# Inverse Universe

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



DD4AC2



FF33DA



DD4A79



6E636C



AD008E

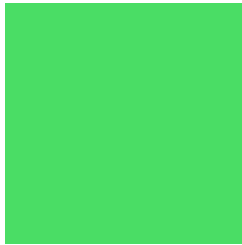


2E0025



# Previews

## White Background



This preview shows how the Hex color 4ADD65 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 4ADD65 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

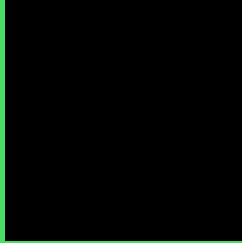
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4ADD65 Background



This preview shows how black text looks on a background with the Hex color 4ADD65.

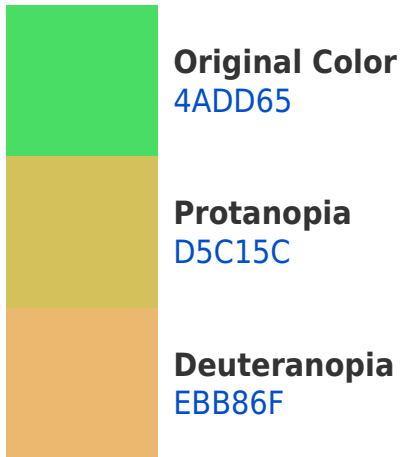


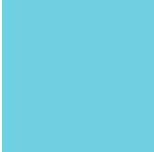
This preview shows how white text looks on a background with the Hex color 4ADD65.

# 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**  
6ED0E1

# Trichromacy



**Original Color**  
4ADD65



**Protanomaly**  
A2CB5F



**Deuteranomaly**  
B0C56B



**Tritanomaly**  
61D5B4

# Monochromacy



**Original Color**  
4ADD65



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
83B88C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4ADD65 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 #4ADD65 looks like.

```
.text, #text, p{  
    color:#4ADD65  
}
```

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 #4ADD65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ADD65
}
```

## Border

The CSS property to change the border of an element to Hex 4ADD65 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
#4ADD65 }
```

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

```
.border{ border-color:#4ADD65 }
```

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

Here you see how a box with a 4 pixel #4ADD65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ADD65; -webkit-box-shadow:4px 4px  
4px 4px #4ADD65; box-shadow:4px 4px 4px  
4px #4ADD65 }
```

# Background

The CSS property to change the background color of an element to Hex 4ADD65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ADD65 }
```

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

```
.background{ background-color:#4ADD65 }
```

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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