

# Converting Colors

Hex(ADED11)

Have a look what the booklet for  
Hex(ADED11) contains.

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**Color**

**Hex(ADED11)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADED11
RGB	173, 237, 17
RGB Percent	68%, 93%, 7%
CMY	0.3216, 0.0706, 0.9333
CMYK	0.27, 0.00, 0.93, 0.07
HSL	77°, 87%, 50%
HSV	77°, 93%, 93%
XYZ	47.6189, 69.4931, 11.4340
YIQ	192.7840, 32.4760, -81.9880

# Conversions

## Conversions Part 2

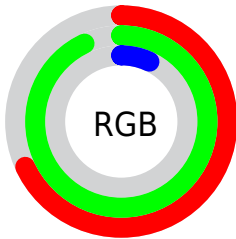
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 237, 81
Decimal	11398417
CIELab	86.75, -45.76, 82.79
CIELCh	87, 94.599, 118.930
Yxy	69.4931, 0.3704, 0.5406
Android (android.graphics.Color)	4289588497 (0xFFADED11)
YUV	192.7840, -86.6615, -17.3506
Hunter-Lab	83.3625, -43.9203, 50.2215

# Details

The Hex color **ADED11** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **5111ED**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **E9FF5F**, and **72B500** is the 20% darker color. If you saturate the color by 10%, you get **A8ED00**, and if you desaturate by 10%, it is **B4ED29**.

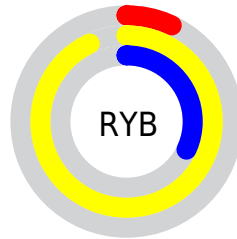
# Distribution



Red (68%)

Green (93%)

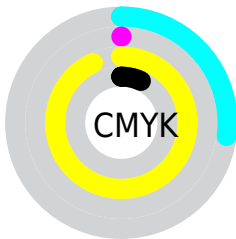
Blue (7%)



Red (7%)

Yellow (93%)

Blue (32%)

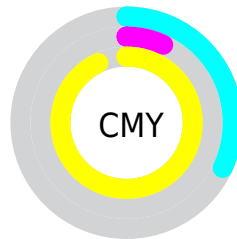


Cyan (27%)

Magenta (0%)

Yellow (93%)

Black (7%)



Cyan (32%)

Magenta (7%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ADED11 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 ADED11 by changing the saturation by 10% instead.



 ADED11

 ADED11

FFFFFF

 8FD100

 E9FF5F

 72B500

 FFFF7D

 549A00

 FFFF9A

 367F00

 FFFFB8

 0A6600

 FFFFD6

 004D00

 FFFFF4

 003500

 001F00

 000000

 ADED11

 ADED11

 A8ED00

 B4ED29

 BBED40

 C2ED58

 C9ED70

 CFED88

 D6ED9F

 DDEDB7

 E4EDCF

 EBEDE6

# Harmonies

## Analogous

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



FFD400



ADED11



00FB76

# Triad

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



ADED11



00F9FF



FF79E0

# Complementary

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



ADED11



5111ED

# 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.



FF97FF



ADED11



00E5FF

# Square

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



ADED11



00FFFF



CEC3FF



FF8888

# Rectangle

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



ADED11



00FFB4



CEC3FF



FF7FFE

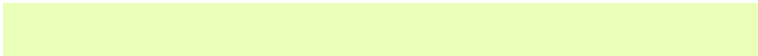


# Sweetspot

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



ADED11



EAFFB8



ED4F11



738054



000000



808080



# Same Dimension

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



ADED11



B5FF00



41ED11



72756A



80B500



263600



# Inverse Universe

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



5111ED



4A00FF



BD11ED



6D6A75



3500B5

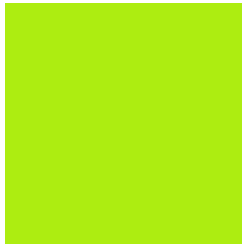


100036



# Previews

## White Background



This preview shows how the Hex color ADED11 looks on a white background.

## Color Contrast Check

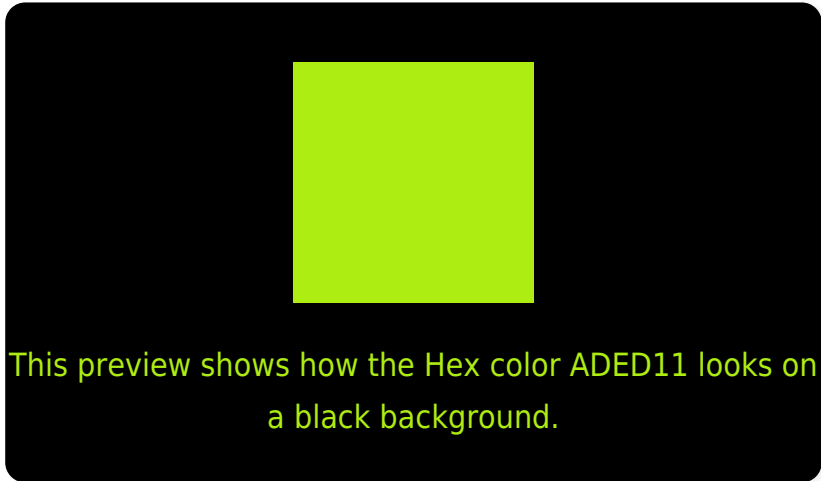
Large Text (above 18pt) WCAG AA × Fail

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 ADED11 Background



This preview shows how black text looks on a background with the Hex color ADED11.

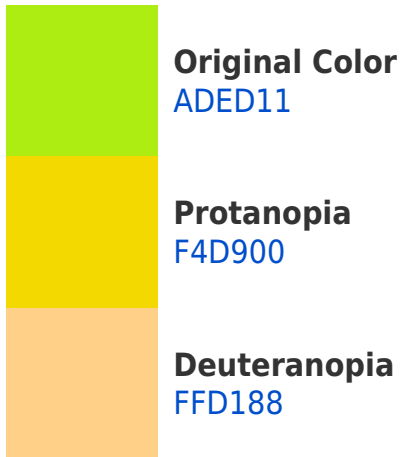


This preview shows how white text looks on a background with the Hex color ADED11.

# Color Blindness Simulation

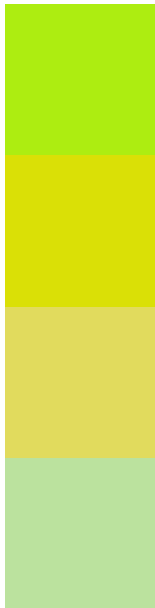
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



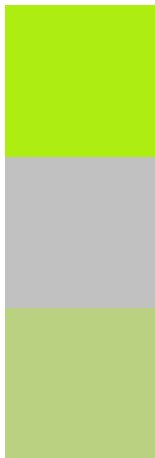
**Original Color**  
ADED11

**Protanomaly**  
DAE006

**Deuteranomaly**  
E1DB5D

**Tritanomaly**  
BBE29E

# Monochromacy



**Original Color**  
ADED11

**Achromatopsia**  
C1C1C1

**Achromatomaly**  
BAD181

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ADED11 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 #ADED11 looks like.

```
.text, #text, p{  
    color:#ADED11  
}
```

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 #ADED11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ADED11
}
```

## Border

The CSS property to change the border of an element to Hex ADED11 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
#ADED11 }
```

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

```
.border{ border-color:#ADED11 }
```

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

Here you see how a box with a 4 pixel #ADED11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ADED11; -webkit-box-shadow:4px 4px  
4px 4px #ADED11; box-shadow:4px 4px 4px  
4px #ADED11 }
```

# Background

The CSS property to change the background color of an element to Hex ADED11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ADED11 }
```

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

```
.background{ background-color:#ADED11 }
```

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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