

# Converting Colors

Hex(ADE110)

Have a look what the booklet for  
Hex(ADE110) contains.

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**Color**

**Hex(ADE110)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADE110
RGB	173, 225, 16
RGB Percent	68%, 88%, 6%
CMY	0.3216, 0.1176, 0.9373
CMYK	0.23, 0.00, 0.93, 0.12
HSL	75°, 87%, 47%
HSV	75°, 93%, 88%
XYZ	44.2523, 62.7721, 10.2741
YIQ	185.6260, 36.0970, -76.0230

# Conversions

## Conversions Part 2

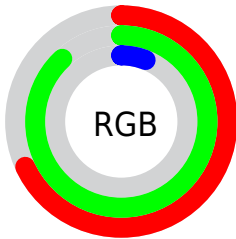
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 225, 68
Decimal	11395344
CIELab	83.32, -40.59, 80.19
CIELCh	83, 89.878, 116.844
Yxy	62.7721, 0.3773, 0.5351
Android (android.graphics.Color)	4289585424 (0xFFADE110)
YUV	185.6260, -83.6256, -11.0730
Hunter-Lab	79.2288, -38.9514, 47.7717

# Details

The Hex color **ADE110** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **4410E1**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **E9FF5C**, and **73A900** is the 20% darker color. If you saturate the color by 10%, you get **A9E100**, and if you desaturate by 10%, it is **B3E127**.

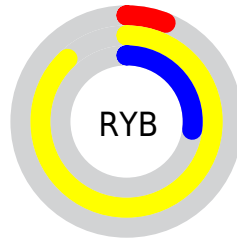
# Distribution



Red (68%)

Green (88%)

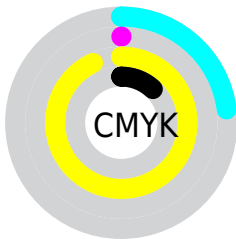
Blue (6%)



Red (6%)

Yellow (88%)

Blue (27%)

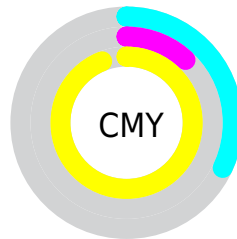


Cyan (23%)

Magenta (0%)

Yellow (93%)

Black (12%)



Cyan (32%)

Magenta (12%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ADE110 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 ADE110 by changing the saturation by 10% instead.



 ADE110

 ADE110

FFFFFF

 90C500

 E9FF5C

 73A900

 FFFF7A

 568F00

 FFFF97

 387500

 FFFFB4

 145C00

 FFFFD2

 004400

 FFFFF0

 002D00

 001400

 000000

 ADE110

 ADE110

 A9E100

 B3E127

 B8E13D

 BEE154

 C3E16A

 C9E181

 CFE197

 D4E1AD

 DAE1C4

 DFE1DB

# Harmonies

## Analogous

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



FFC900



ADE110



00EF6D

# Triad

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



ADE110



00EFFF



FF77DC

# Complementary

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



ADE110



4410E1

# 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.



FF95FF



ADE110



00DDFF

# Square

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



ADE110



00F6FF



BABDFE



FF8289

# Rectangle

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



ADE110



00F4A6



BABDFF



FF7EF9

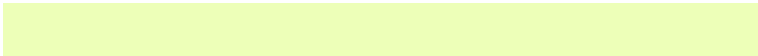


# Sweetspot

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



ADE110



EDFFB8



E14110



758054



000000



808080



# Same Dimension

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



ADE110



C0FF00



48E110



6D7065



84B000



243000



# Inverse Universe

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



4410E1



3F00FF



A910E1



686570



2C00B0

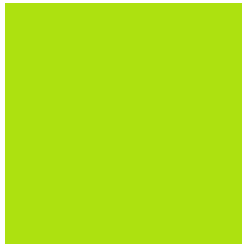


0C0030



# Previews

## White Background



This preview shows how the Hex color ADE110 looks on a white background.

## Color Contrast Check

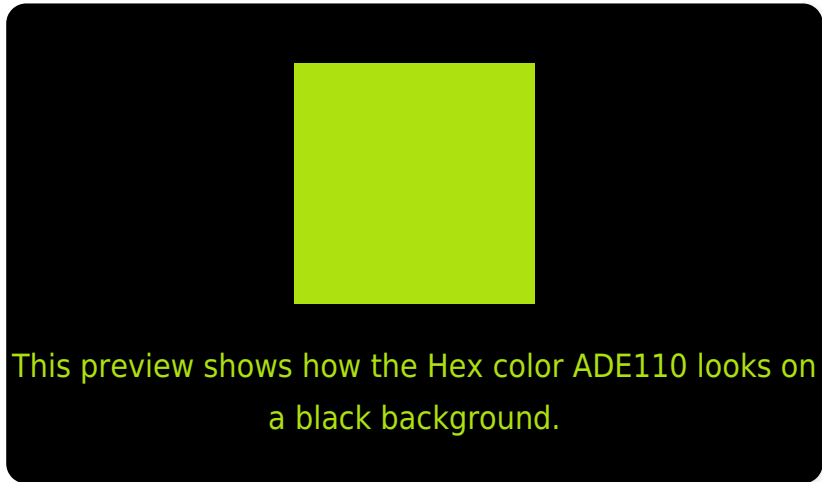
Large Text (above 18pt) WCAG AA × Fail

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 ADE110 Background



This preview shows how black text looks on a background with the Hex color ADE110.

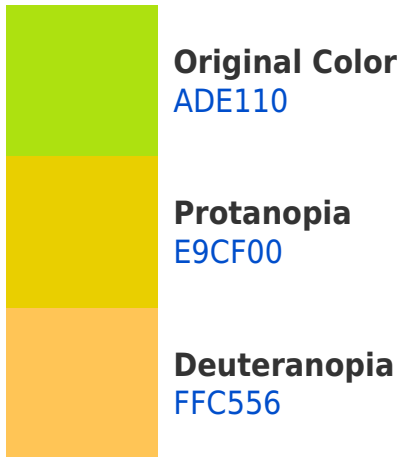


This preview shows how white text looks on a background with the Hex color ADE110.

# 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](#).

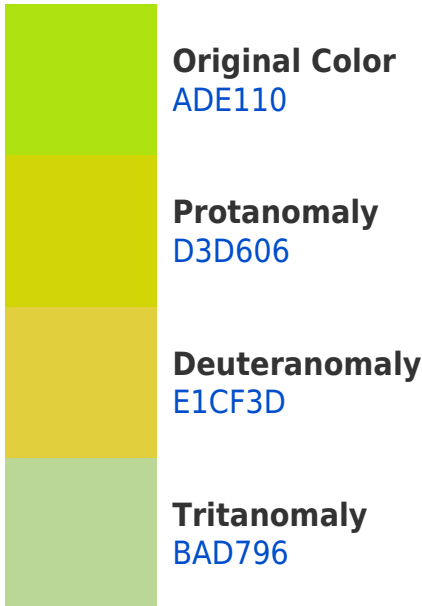
## Dichromacy





**Tritanopia**  
C1D1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ADE110 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 #ADE110 looks like.

```
.text, #text, p{  
    color:#ADE110  
}
```

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 #ADE110 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ADE110
}
```

## Border

The CSS property to change the border of an element to Hex ADE110 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
#ADE110 }
```

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

```
.border{ border-color:#ADE110 }
```

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

Here you see how a box with a 4 pixel #ADE110 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ADE110; -webkit-box-shadow:4px 4px  
4px 4px #ADE110; box-shadow:4px 4px 4px  
4px #ADE110 }
```

# Background

The CSS property to change the background color of an element to Hex ADE110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ADE110 }
```

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

```
.background{ background-color:#ADE110 }
```

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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