

# Converting Colors

Hex(ADED99)

Have a look what the booklet for  
Hex(ADED99) contains.

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# **Color**

**Hex(ADED99)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADED99
RGB	173, 237, 153
RGB Percent	68%, 93%, 60%
CMY	0.3216, 0.0706, 0.4000
CMYK	0.27, 0.00, 0.35, 0.07
HSL	106°, 70%, 76%
HSV	106°, 35%, 93%
XYZ	53.2675, 71.7525, 41.1791
YIQ	208.2880, -11.1800, -39.6920

# Conversions

## Conversions Part 2

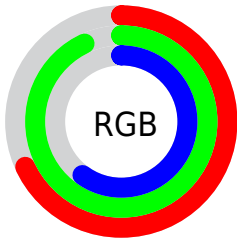
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 237, 217
Decimal	11398553
CIELab	87.85, -35.39, 34.42
CIELCh	88, 49.367, 135.800
Yxy	71.7525, 0.3205, 0.4317
Android (android.graphics.Color)	4289588633 (0xFFADED99)
YUV	208.2880, -27.2570, -30.9476
Hunter-Lab	84.7069, -35.9881, 30.4718

# Details

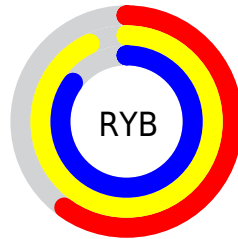
The Hex color **ADED99** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D999ED**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **E6FFD0**, and **76B565** is the 20% darker color. If you saturate the color by 10%, you get **9BED81**, and if you desaturate by 10%, it is **BFEDB1**.

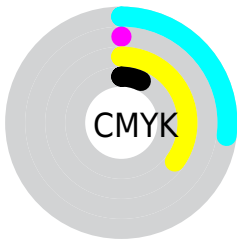
# Distribution



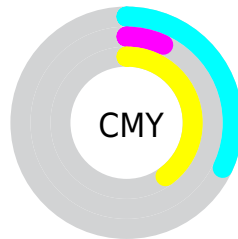
- Red (68%)
- Green (93%)
- Blue (60%)



- Red (60%)
- Yellow (93%)
- Blue (85%)



- Cyan (27%)
- Magenta (0%)
- Yellow (35%)
- Black (7%)



- Cyan (32%)
- Magenta (7%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ADED99 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 ADED99 by changing the saturation by 10% instead.




 ADED99

FFFFFF

 E6FFD0

 FFFFED

 ADED99

 91D17F

 76B565

 5C9A4C

 427F34

 27661C

 054D02

 003600

 002200

 000000

 ADED99

 ADED99

 9BED81

 BFEDB1

 89ED6A

 D1EDC8

 77ED52

 E3EDE0

 65ED3A

 F5EDF8

 53ED23

 FFEDFF

 41ED0B

 38ED00

# Harmonies

## Analogous

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



E2E180



ADED99



6EF4C4

# Triad

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



ADED99



68E8FF



FFB8C5

# Complementary

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



ADED99



D999ED

# 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.



FFBAF5



ADED99



BFD8FF

# Square

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



ADED99



00F1FF



FFC7FF



FFC29B

# Rectangle

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



ADED99



33F5E4



FFC7FF



FFB7D5

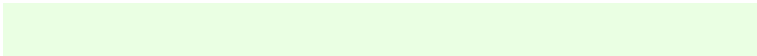


# Sweetspot

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



ADED99



EAFFE3



EDD899



73806F



000000



808080

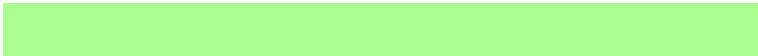


# Same Dimension

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



ADED99



ABFF91



99EDAE



6C756A



2BB500



0D3600



# Inverse Universe

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



D999ED



E591FF



ED99D8



736A75



8A00B5

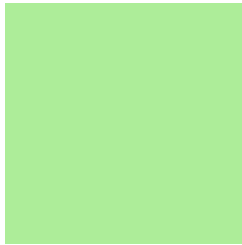


290036



# Previews

## White Background



This preview shows how the Hex color ADED99 looks on a white background.

## Color Contrast Check

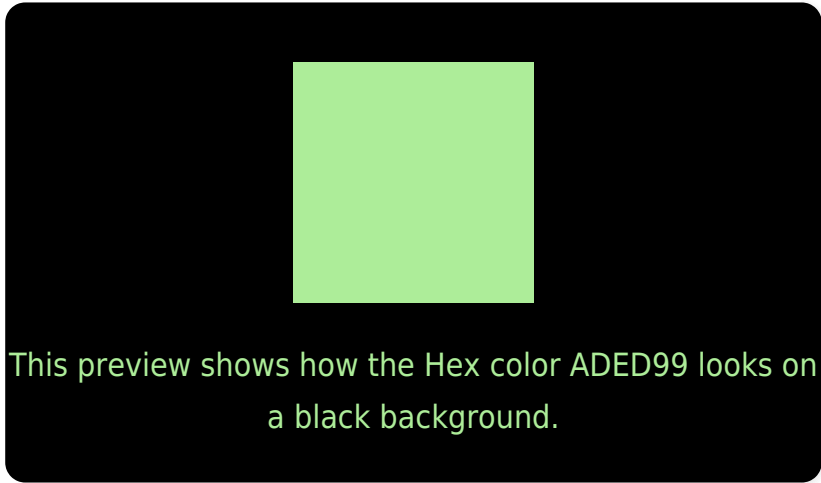
Large Text (above 18pt) WCAG AA × Fail

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

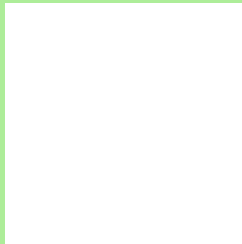
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ADED99 Background



This preview shows how black text looks on a background with the Hex color ADED99.

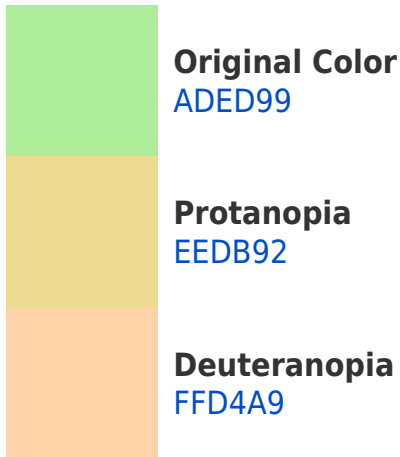


This preview shows how white text looks on a background with the Hex color ADED99.

# 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

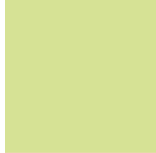




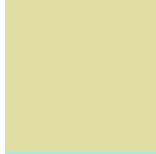
# Trichromacy



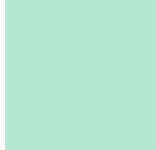
**Original Color**  
ADED99



**Protanomaly**  
D6E295



**Deuteranomaly**  
E1DDA3

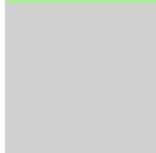


**Tritanomaly**  
B7E6D3

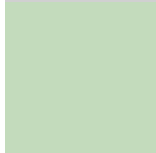
# Monochromacy



**Original Color**  
ADED99



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
C3DBBC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ADED99 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 #ADED99 looks like.

```
.text, #text, p{  
    color:#ADED99  
}
```

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 #ADED99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ADED99  
}
```

## Border

The CSS property to change the border of an element to Hex ADED99 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  
#ADED99 }
```

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

```
.border{ border-color:#ADED99 }
```

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

Here you see how a box with a 4 pixel #ADED99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ADED99; -webkit-box-shadow:4px 4px  
4px 4px #ADED99; box-shadow:4px 4px 4px  
4px #ADED99 }
```

# Background

The CSS property to change the background color of an element to Hex ADED99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ADED99 }
```

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

```
.background{ background-color:#ADED99 }
```

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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