

# Converting Colors

Hex(ADE567)

Have a look what the booklet for  
Hex(ADE567) contains.

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**Color**

**Hex(ADE567)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ADE567
RGB	173, 229, 103
RGB Percent	68%, 90%, 40%
CMY	0.3216, 0.1020, 0.5961
CMYK	0.24, 0.00, 0.55, 0.10
HSL	87°, 71%, 65%
HSV	87°, 55%, 90%
XYZ	47.7011, 65.9021, 23.0382
YIQ	197.8920, 7.0700, -51.0580

# Conversions

## Conversions Part 2

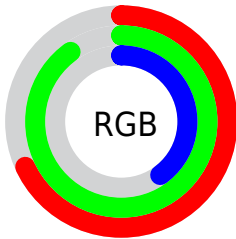
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 229, 159
Decimal	11396455
CIELab	84.95, -37.77, 54.87
CIELCh	85, 66.612, 124.543
Yxy	65.9021, 0.3491, 0.4823
Android (android.graphics.Color)	4289586535 (0xFFADE567)
YUV	197.8920, -46.7818, -21.8303
Hunter-Lab	81.1801, -37.1794, 40.0001

# Details

The Hex color **ADE567** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9F67E5**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **E7FF9D**, and **75AD31** is the 20% darker color. If you saturate the color by 10%, you get **A3E550**, and if you desaturate by 10%, it is **B7E57E**.

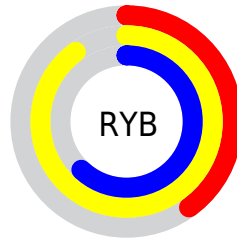
# Distribution



Red (68%)

Green (90%)

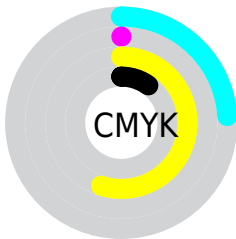
Blue (40%)



Red (40%)

Yellow (90%)

Blue (62%)

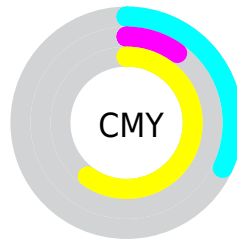


Cyan (24%)

Magenta (0%)

Yellow (55%)

Black (10%)



Cyan (32%)

Magenta (10%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ADE567 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 ADE567 by changing the saturation by 10% instead.



 ADE567

 ADE567

FFFFFF

 91C94C

 E7FF9D

 75AD31

 FFFFB9

 5A9211

 FFFFD6

 3E7800

 FFFFF3

 225F00

 004700

 003000

 001A00

 000000

 ADE567

 ADE567

 A3E550

 B7E57E

 99E539

 C1E595

 8EE522

 CCE5AC

 84E50B

 D6E5C3

 7FE500

 E0E5DA

 EAE5F0

 F4E5FF

 FEE5FF

 FFE5FF

# Harmonies

## Analogous

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



EFD44F



ADE567



4FEF9C

# Triad

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



ADE567



00E9FF



FF9CCD

# Complementary

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



ADE567



9F67E5

# 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.



FFA7FF



ADE567



6BD8FF

# Square

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



ADE567



00F2FF



E4C0FF



FFA690

# Rectangle

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



ADE567



00F3C6



E4C0FF



FF9EE2



# Sweetspot

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



ADE567



ECFFD4



E59E67



748066



000000



808080



# Same Dimension

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



ADE567



B4FF57



6FE567



6E7367



63B300



1C3300



# Inverse Universe

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



9F67E5



A257FF



DD67E5



6C6773



4F00B3

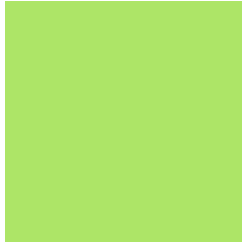


170033



# Previews

## White Background



This preview shows how the Hex color ADE567 looks on a white background.

## Color Contrast Check

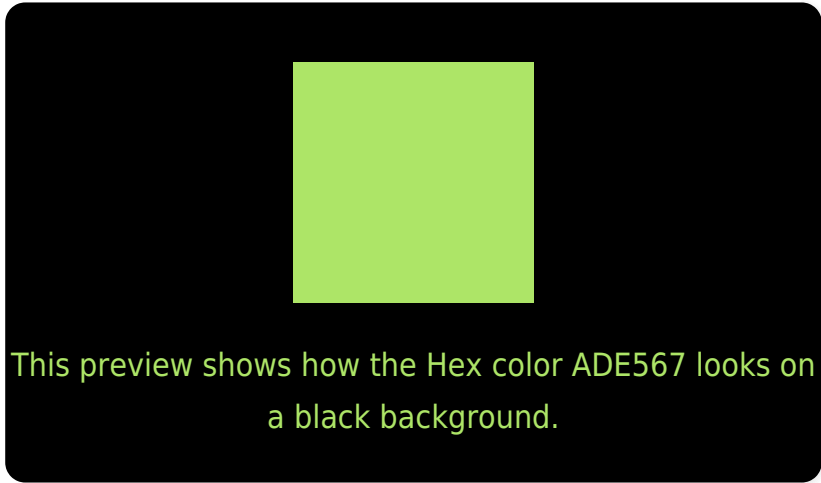
Large Text (above 18pt) WCAG AA × Fail

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 ADE567 Background



This preview shows how black text looks on a background with the Hex color ADE567.

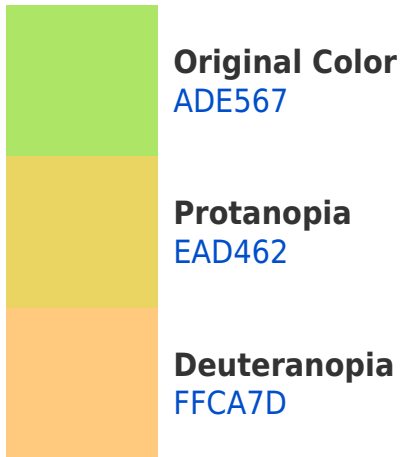


This preview shows how white text looks on a background with the Hex color ADE567.

# 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](#).

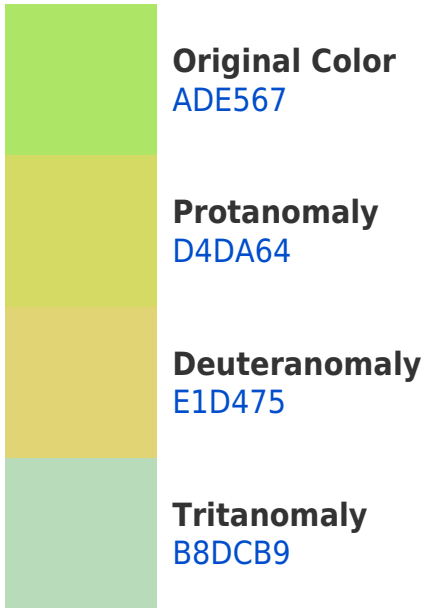
## Dichromacy



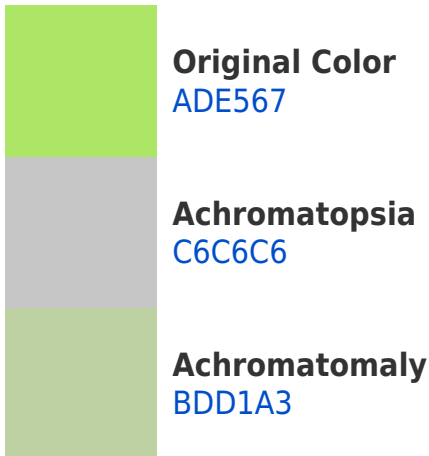


**Tritanopia**  
BFD7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ADE567 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 #ADE567 looks like.

```
.text, #text, p{  
    color:#ADE567  
}
```

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 #ADE567 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ADE567
}
```

## Border

The CSS property to change the border of an element to Hex ADE567 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
#ADE567 }
```

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

```
.border{ border-color:#ADE567 }
```

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

Here you see how a box with a 4 pixel #ADE567 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ADE567; -webkit-box-shadow:4px 4px  
4px 4px #ADE567; box-shadow:4px 4px 4px  
4px #ADE567 }
```

# Background

The CSS property to change the background color of an element to Hex ADE567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ADE567 }
```

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

```
.background{ background-color:#ADE567 }
```

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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