

# Converting Colors

Hex(ACEDAF)

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

<b>Hex(ACEDAF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(ACEDAF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACEDAF
RGB	172, 237, 175
RGB Percent	67%, 93%, 69%
CMY	0.3255, 0.0706, 0.3137
CMYK	0.27, 0.00, 0.26, 0.07
HSL	123°, 64%, 80%
HSV	123°, 27%, 93%
XYZ	55.0353, 72.4342, 51.6380
YIQ	210.4970, -18.8380, -33.0620

# Conversions

## Conversions Part 2

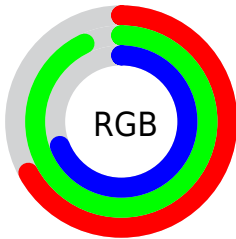
Format	Color
<a href="#">RYB</a>	<a href="#">172, 234, 237</a>
Decimal	<a href="#">11333039</a>
CIELab	<a href="#">88.18, -32.29, 23.65</a>
CIELCh	<a href="#">88, 40.027, 143.785</a>
Yxy	<a href="#">72.4342, 0.3073, 0.4044</a>
Android (android.graphics.Color)	<a href="#">4289523119</a> ( <a href="#">0xFFACEDAF</a> )
YUV	<a href="#">210.4970, -17.5000, -33.7619</a>
Hunter-Lab	<a href="#">85.1083, -33.5124, 23.6026</a>

# Details

The Hex color **ACEDAF** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **EDACEA**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **E5FFE7**, and **76B57A** is the 20% darker color. If you saturate the color by 10%, you get **94ED98**, and if you desaturate by 10%, it is **C4EDC6**.

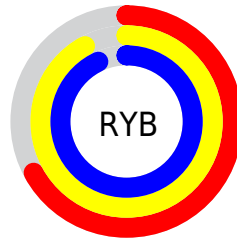
# Distribution



Red (67%)

Green (93%)

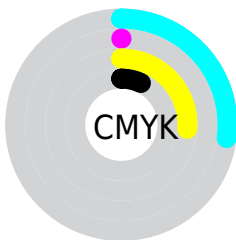
Blue (69%)



Red (67%)

Yellow (92%)

Blue (93%)

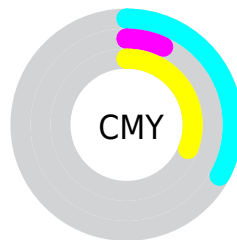


Cyan (27%)

Magenta (0%)

Yellow (26%)

Black (7%)



Cyan (33%)

Magenta (7%)

Yellow (31%)

# Brightness & Saturation Gradients

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



 ACEDAF

 ACEDAF

FFFFFF

 91D194

 E5FFE7

 76B57A

 5C9A61

 427F49

 286632

 094E1B

 003604

 002200

 000000

 ACEDAF

 ACEDAF

 94ED98

 C4EDC6

 7DED82

 DBEDDC

 65ED6B

 F3EDF3

 4DED55

 FFEDFF

 36ED3E

 1EED27

 06ED11

 00ED0B

# Harmonies

## Analogous

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



D8E496



ACEDAF



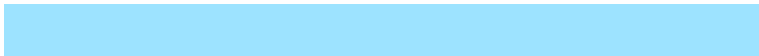
7EF2D4

# Triad

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



ACEDAF



9DE3FF



FFC2C0

# Complementary

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



ACEDAF



EDACEA

# 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.



FFC1E7



ACEDAF



D7D6FF

# Square

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



ACEDAF



68EDFF



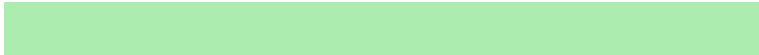
FFC9FF



FFCBA1

# Rectangle

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



ACEDAF



64F2EE



FFC9FF



FFC1CD

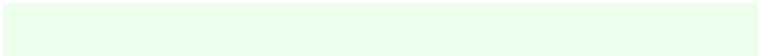


# Sweetspot

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



ACEDAF



EBFFEC



EBEDAC



738073



000000



808080

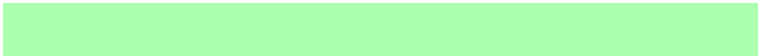


# Same Dimension

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



ACEDAF



ABFFAF



ACEDCF



6A756A



00B508



003602



# Inverse Universe

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



EDACEA



FFABFB



EDACCA



756A75



B500AD

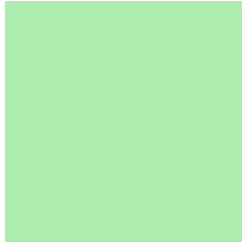


360033



# Previews

## White Background



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

## Color Contrast Check

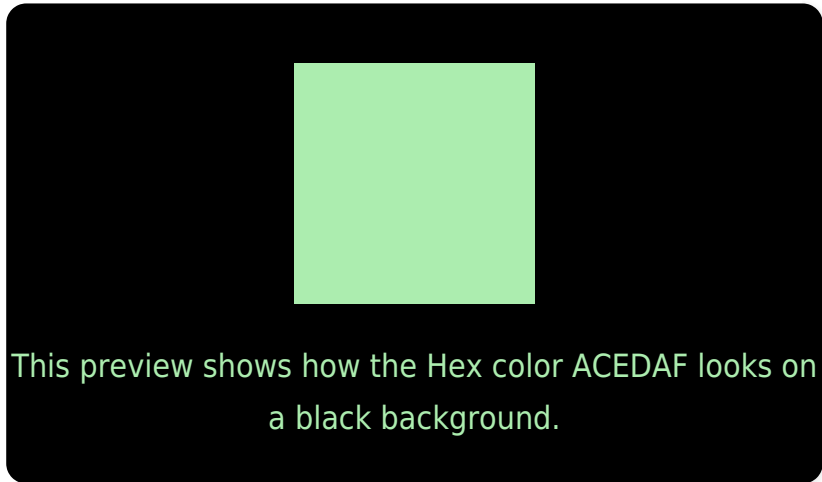
Large Text (above 18pt) WCAG AA × Fail

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

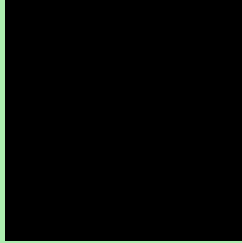
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ACEDAF Background



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

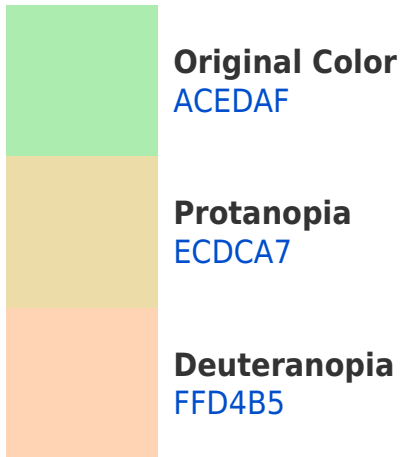


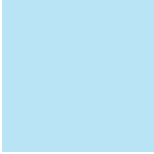
This preview shows how white text looks on a background with the Hex color ACEDAF.

# 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



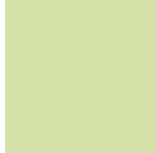


**Tritanopia**  
B9E4F6

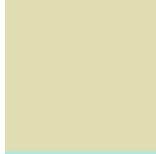
# Trichromacy



**Original Color**  
ACEDAF



**Protanomaly**  
D5E2AA

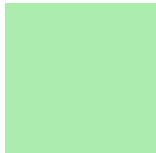


**Deuteranomaly**  
E1DDB3

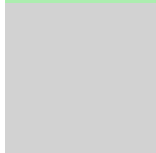


**Tritanomaly**  
B4E7DC

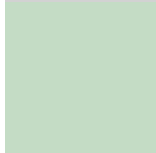
# Monochromacy



**Original Color**  
ACEDAF



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
C4DCC5

# CSS Examples

## Text

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

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

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 #ACEDAF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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