

# Converting Colors

Hex(AAE386)

Have a look what the booklet for  
Hex(AAE386) contains.

<b>Hex(AAE386)</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(AAE386)

# Conversions

## Conversions Part 1

Format	Color
Hex	AAE386
RGB	170, 227, 134
RGB Percent	67%, 89%, 53%
CMY	0.3333, 0.1098, 0.4745
CMYK	0.25, 0.00, 0.41, 0.11
HSL	97°, 62%, 71%
HSV	97°, 41%, 89%
XYZ	48.3497, 65.2054, 32.5919
YIQ	199.3550, -4.1190, -41.0070

# Conversions

## Conversions Part 2

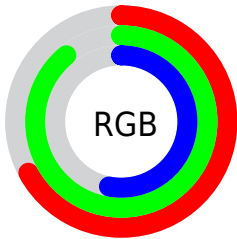
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 227, 191
Decimal	11199366
CIELab	84.59, -34.44, 39.64
CIElCh	85, 52.513, 130.981
Yxy	65.2054, 0.3308, 0.4462
Android (android.graphics.Color)	4289389446 (0xFFAAE386)
YUV	199.3550, -32.2200, -25.7443
Hunter-Lab	80.7499, -34.4338, 32.5946

# Details

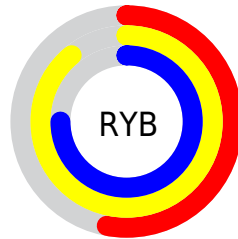
The Hex color **AAE386** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **BF86E3**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **E3FFBC**, and **74AB53** is the 20% darker color. If you saturate the color by 10%, you get **9CE36F**, and if you desaturate by 10%, it is **B8E39D**.

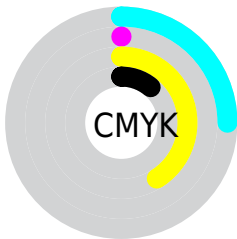
# Distribution



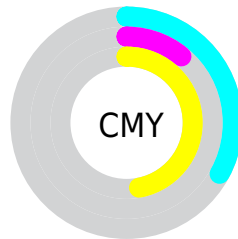
- Red (67%)
- Green (89%)
- Blue (53%)



- Red (53%)
- Yellow (89%)
- Blue (75%)



- Cyan (25%)
- Magenta (0%)
- Yellow (41%)
- Black (11%)



- Cyan (33%)
- Magenta (11%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAE386 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 AAE386 by changing the saturation by 10% instead.



 AAE386

 AAE386

FFFFFF

 8EC76C

 E3FFBC

 74AB53

 FFFFD8

 59913A

 FFFFF5

 3F7721

 245D04

 054500

 002E00

 001900

 000000

 AAE386

 AAE386

 9CE36F

 B8E39D

 8EE359

 C6E3B3

 80E342

 D4E3CA

 72E32B

 E2E3E1

 64E315

 F0E3F8

 58E300

 FDE3FF

 FFE3FF

# Harmonies

## Analogous

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



E0D66F



AAE386



66EBB1

# Triad

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



AAE386



2BE1FF



FFABC3

# Complementary

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



AAE386



BF86E3

# Split Complementary

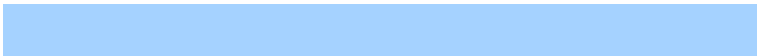
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFAFF5



AAE386



A5D2FF

# Square

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



AAE386



00EAFB



EFBFFF



FFB494

# Rectangle

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



AAE386



06EDD3



EFBFFF



FFABD3



# Sweetspot

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



AAE386



ECFFE0



E3BE86



75806E



000000



808080

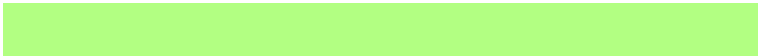


# Same Dimension

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



AAE386



B2FF82



86E38F



6C7367



45B300



143300



# Inverse Universe

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



BF86E3



CF82FF



E386DA



6E6773



6D00B3



1F0033



# Previews

## White Background



This preview shows how the Hex color AAE386 looks on a white background.

## Color Contrast Check

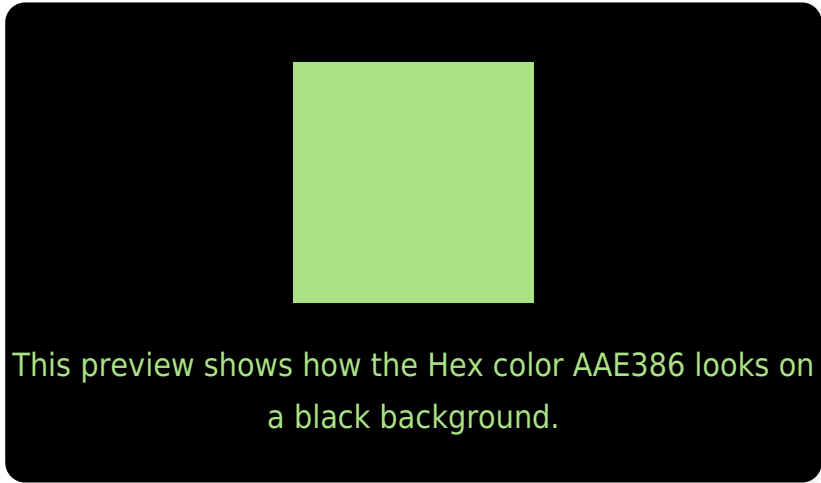
Large Text (above 18pt) WCAG AA × Fail

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

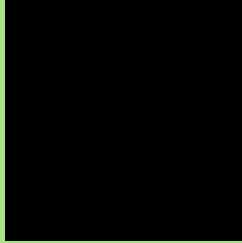
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AAE386 Background



This preview shows how black text looks on a background with the Hex color AAE386.

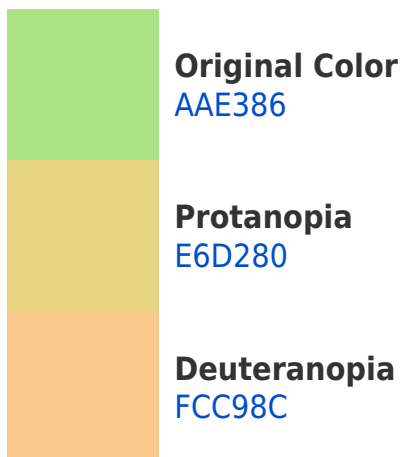


This preview shows how white text looks on a background with the Hex color AAE386.

# 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](#).

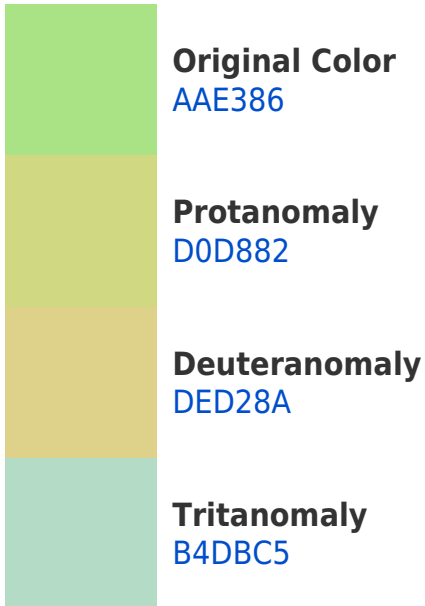
## Dichromacy



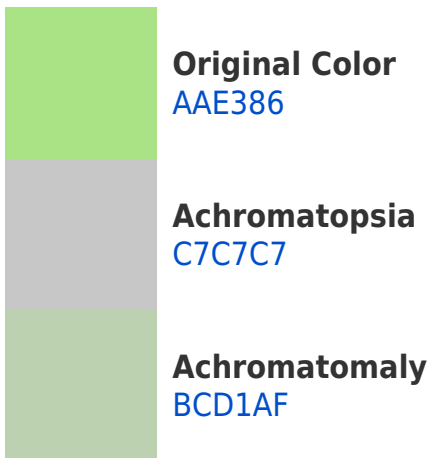


**Tritanopia**  
B9D7E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAE386 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 #AAE386 looks like.

```
.text, #text, p{  
    color:#AAE386  
}
```

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 #AAE386 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAE386  
}
```

## Border

The CSS property to change the border of an element to Hex AAE386 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  
#AAE386 }
```

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

```
.border{ border-color:#AAE386 }
```

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

Here you see how a box with a 4 pixel #AAE386 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAE386; -webkit-box-shadow:4px 4px  
4px 4px #AAE386; box-shadow:4px 4px 4px  
4px #AAE386 }
```

# Background

The CSS property to change the background color of an element to Hex AAE386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAE386 }
```

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

```
.background{ background-color:#AAE386 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor