

# Converting Colors

Hex(AAE261)

Have a look what the booklet for  
Hex(AAE261) contains.

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# **Color**

**Hex(AAE261)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | AAE261                     |
| RGB         | 170, 226, 97               |
| RGB Percent | 67%, 89%, 38%              |
| CMY         | 0.3333, 0.1137, 0.6196     |
| CMYK        | 0.25, 0.00, 0.57, 0.11     |
| HSL         | 86°, 69%, 63%              |
| HSV         | 86°, 57%, 89%              |
| XYZ         | 45.9316, 63.8018, 21.2034  |
| YIQ         | 194.5500, 8.0330, -51.9910 |

# Conversions

## Conversions Part 2

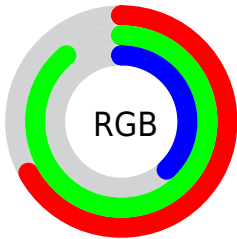
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 97, 226, 153                    |
| Decimal                             | 11199073                        |
| CIELab                              | 83.86, -38.07, 56.25            |
| CIELCh                              | 84, 67.925, 124.092             |
| Yxy                                 | 63.8018, 0.3508,<br>0.4873      |
| Android<br>(android.graphics.Color) | 4289389153<br>(0xFFAAE261)      |
| YUV                                 | 194.5500, -48.0922,<br>-21.5304 |
| Hunter-Lab                          | 79.8760, -37.1392,<br>40.1745   |

# Details

The Hex color **AAE261** is a light color, and the websafe version is hex **99CC33**. A complement of this color would be **9961E2**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **E4FF97**, and **72AA2A** is the 20% darker color. If you saturate the color by 10%, you get **A0E24A**, and if you desaturate by 10%, it is **B4E278**.

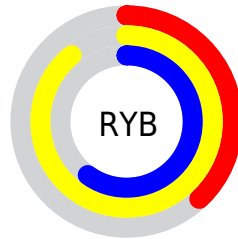
# Distribution



Red (67%)

Green (89%)

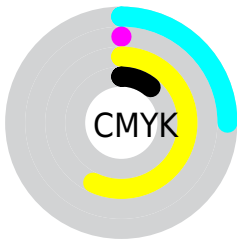
Blue (38%)



Red (38%)

Yellow (89%)

Blue (60%)

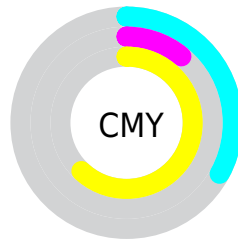


Cyan (25%)

Magenta (0%)

Yellow (57%)

Black (11%)



Cyan (33%)

Magenta (11%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAE261 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 AAE261 by changing the saturation by 10% instead.



 AAE261

 AAE261

FFFFFF

 8EC646

 E4FF97

 72AA2A

 FFFFB3

 579004

 FFFF00

 3B7600

 FFFFED

 1F5D00

 004400

 002E00

 001600

 000000

 AAE261

 AAE261

 A0E24A

 B4E278

 96E234

 BEE28E

 8DE21D

 C7E2A5

 83E207

 D1E2BB

 80E200

 DBE2D2

 E5E2E9

 EFE2FF

 F8E2FF

 FFE2FF

# Harmonies

## Analogous

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



ECD149



AAE261



48EC97

# Triad

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



AAE261



00E6FF



FF98CB

# Complementary

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



AAE261



9961E2

# 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.



FFA3FF



AAE261



5FD5FF

# Square

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



AAE261



00EFFF



E0BDFE



FFA28D

# Rectangle

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



AAE261



00F0C2



E0BDFE



FF99E1

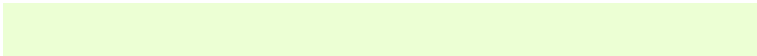


# Sweetspot

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



AAE261



ECFFD4



E29961



748066



000000



808080



# Same Dimension

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



AAE261



B4FF52



6AE261



6B7065



64B000



1B3000



# Inverse Universe

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



9961E2



9D52FF



D961E2



6A6570



4C00B0



150030



# Previews

## White Background



This preview shows how the Hex color AAE261 looks on a white background.

## Color Contrast Check

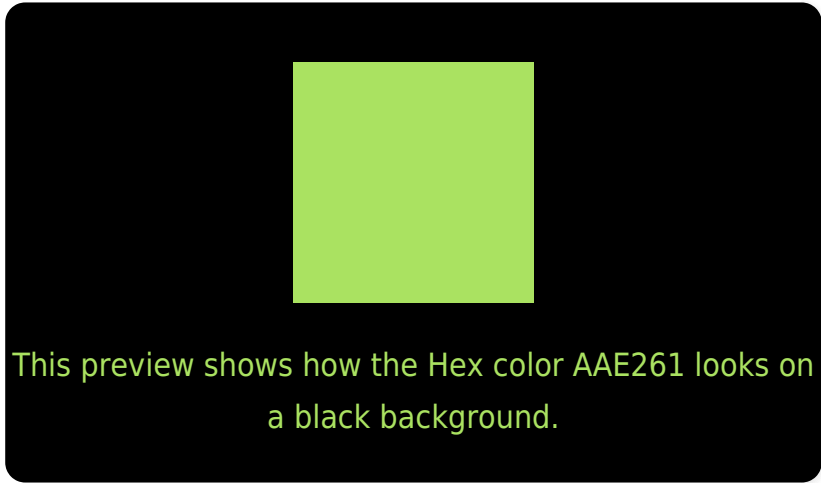
Large Text (above 18pt) WCAG AA × Fail

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 AAE261 Background



This preview shows how black text looks on a background with the Hex color AAE261.

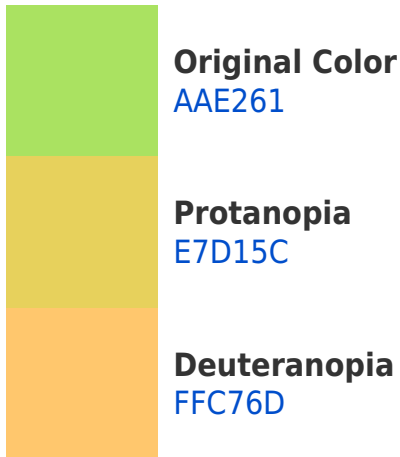


This preview shows how white text looks on a background with the Hex color AAE261.

# Color Blindness Simulation

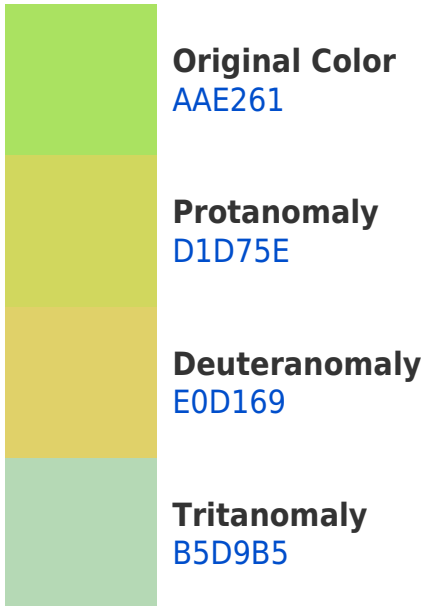
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

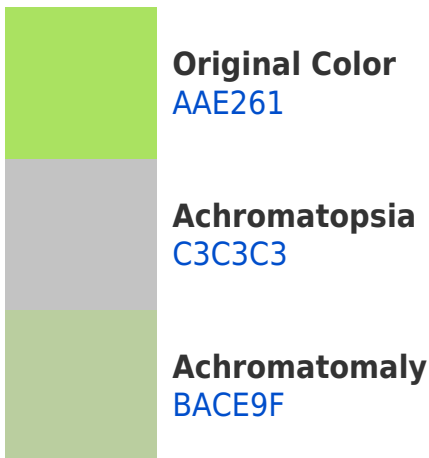




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAE261 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 #AAE261 looks like.

```
.text, #text, p{  
    color:#AAE261  
}
```

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 #AAE261 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAE261
}
```

## Border

The CSS property to change the border of an element to Hex AAE261 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
#AAE261 }
```

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

```
.border{ border-color:#AAE261 }
```

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

Here you see how a box with a 4 pixel #AAE261 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAE261; -webkit-box-shadow:4px 4px  
4px 4px #AAE261; box-shadow:4px 4px 4px  
4px #AAE261 }
```

# Background

The CSS property to change the background color of an element to Hex AAE261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAE261 }
```

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

```
.background{ background-color:#AAE261 }
```

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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