

# Converting Colors

Hex(AEE075)

Have a look what the booklet for  
Hex(AEE075) contains.

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**Color**

**Hex(AEE075)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AEE075
RGB	174, 224, 117
RGB Percent	68%, 88%, 46%
CMY	0.3176, 0.1216, 0.5412
CMYK	0.22, 0.00, 0.48, 0.12
HSL	88°, 63%, 67%
HSV	88°, 48%, 88%
XYZ	47.3221, 63.5943, 26.6104
YIQ	196.8520, 4.5470, -43.8770

# Conversions

## Conversions Part 2

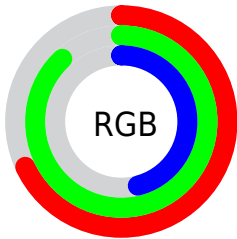
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 224, 167
Decimal	11460725
CIELab	83.75, -33.69, 46.95
CIELCh	84, 57.782, 125.661
Yxy	63.5943, 0.3441, 0.4624
Android (android.graphics.Color)	4289650805 (0xFFAEE075)
YUV	196.8520, -39.3670, -20.0412
Hunter-Lab	79.7461, -33.6319, 36.0378

# Details

The Hex color **AEE075** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A775E0**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **E7FFAB**, and **77A941** is the 20% darker color. If you saturate the color by 10%, you get **A4E05F**, and if you desaturate by 10%, it is **B8E08B**.

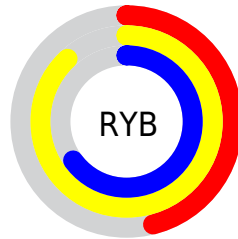
# Distribution



Red (68%)

Green (88%)

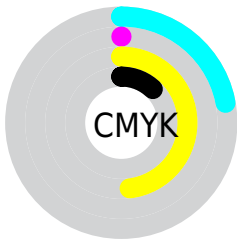
Blue (46%)



Red (46%)

Yellow (88%)

Blue (65%)

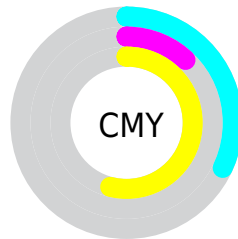


Cyan (22%)

Magenta (0%)

Yellow (48%)

Black (12%)



Cyan (32%)

Magenta (12%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEE075 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 AEE075 by changing the saturation by 10% instead.



 AEE075

FFFFFF

 E7FFAB

 FFFFC7

 FFFF E3

 AEE075

 92C45B

 77A941

 5C8E27

 427407

 275B00

 084300

 002C00

 001600

 000000

 AEE075

 AEE075

 A4E05F

 B8E08B

 99E048

 C3E0A2

 8FE032

 CDE0B8

 84E01B

 D8E0CF

 7AE005

 E2E0E5

 77E000

 EDE0FB

 F7E0FF

 FFE0FF

# Harmonies

## Analogous

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



E7D161



AEE075



63E9A2

# Triad

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



AEE075



00E2FF



FFA3C9

# Complementary

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



AEE075



A775E0

# 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.



FFABFF



AEE075



86D3FF

# Square

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



AEE075



00EBFF



E3BEFF



FFAB94

# Rectangle

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



AEE075



00ECC7



E3BEFF



FFA4DB



# Sweetspot

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



AEE075



EEFFDB



E0A775



75806A



000000



808080

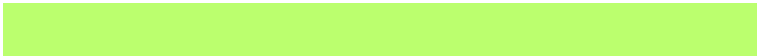


# Same Dimension

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



AEE075



BBFF6E



79E075



6B7065



5EB000



1A3000



# Inverse Universe

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



A775E0



B26EFF



DC75E0



6A6570



5200B0



170030



# Previews

## White Background



This preview shows how the Hex color AEE075 looks on a white background.

## Color Contrast Check

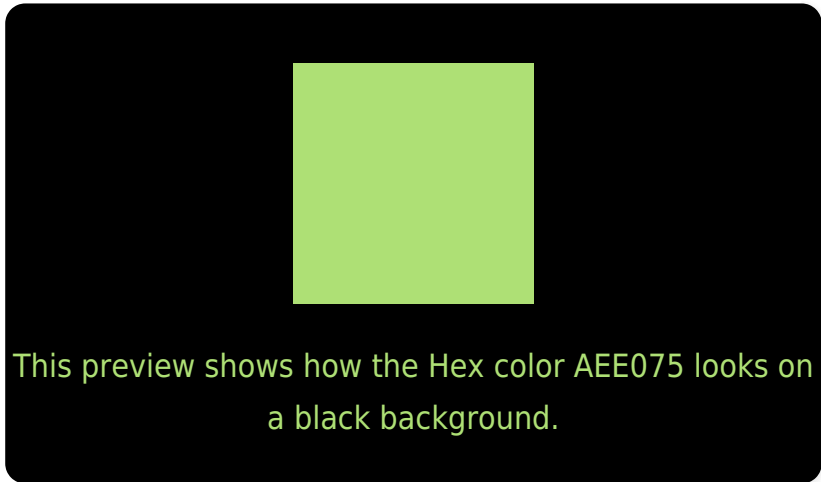
Large Text (above 18pt) WCAG AA × Fail

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 AEE075 Background



This preview shows how black text looks on a background with the Hex color AEE075.

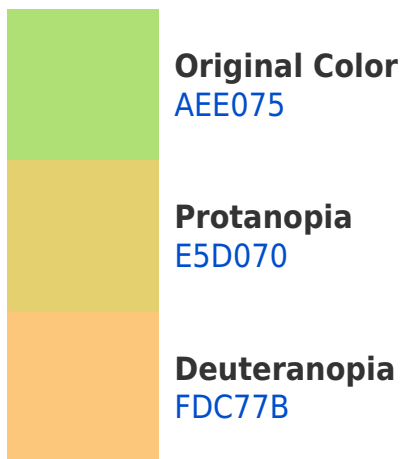


This preview shows how white text looks on a background with the Hex color AEE075.

# 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](#).

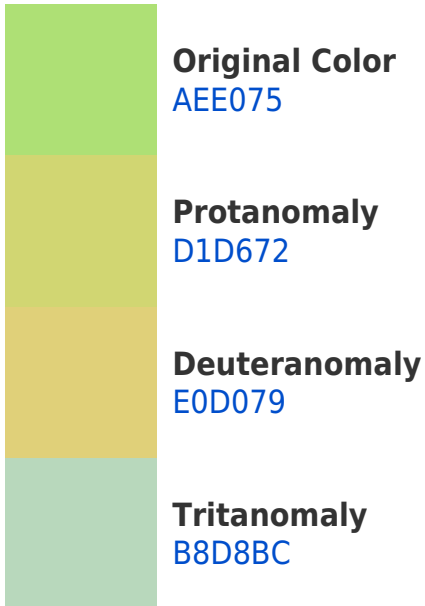
## Dichromacy



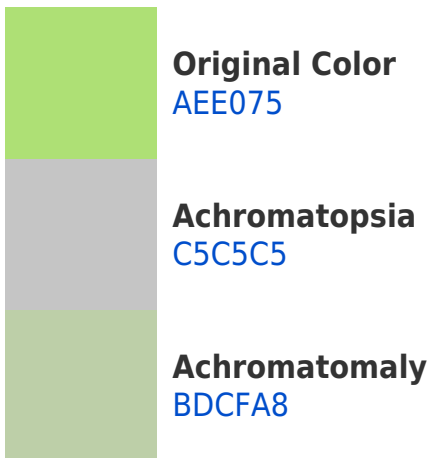


**Tritanopia**  
BED4E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEE075 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 #AEE075 looks like.

```
.text, #text, p{  
    color:#AEE075  
}
```

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 #AEE075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEE075
}
```

## Border

The CSS property to change the border of an element to Hex AEE075 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
#AEE075 }
```

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

```
.border{ border-color:#AEE075 }
```

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

Here you see how a box with a 4 pixel #AEE075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEE075; -webkit-box-shadow:4px 4px  
4px 4px #AEE075; box-shadow:4px 4px 4px  
4px #AEE075 }
```

# Background

The CSS property to change the background color of an element to Hex AEE075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEE075 }
```

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

```
.background{ background-color:#AEE075 }
```

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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