

Converting Colors

Hex(AEED77)

Have a look what the booklet for
Hex(AEED77) contains.

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Color

Hex(AEED77)

Conversions

Conversions Part 1

Format	Color
Hex	AEED77
RGB	174, 237, 119
RGB Percent	68%, 93%, 47%
CMY	0.3176, 0.0706, 0.5333
CMYK	0.27, 0.00, 0.50, 0.07
HSL	92°, 77%, 70%
HSV	92°, 50%, 93%
XYZ	51.0695, 70.8990, 28.4460
YIQ	204.7110, 0.3300, -50.0540

Conversions

Conversions Part 2

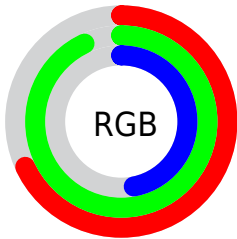
Format	Color
RYB	119, 237, 182
Decimal	11464055
CIELab	87.44, -39.36, 50.48
CIElCh	87, 64.013, 127.942
Yxy	70.8990, 0.3395, 0.4714
Android (android.graphics.Color)	4289654135 (0xFFAEED77)
YUV	204.7110, -42.2555, -26.9335
Hunter-Lab	84.2015, -39.0896, 38.9110

Details

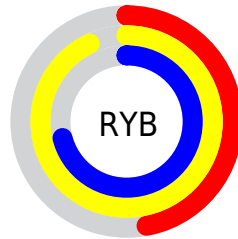
The Hex color **AEED77** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B677ED**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **E8FFAD**, and **76B542** is the 20% darker color. If you saturate the color by 10%, you get **A1ED5F**, and if you desaturate by 10%, it is **BBED8F**.

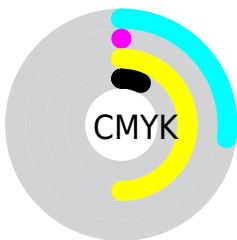
Distribution



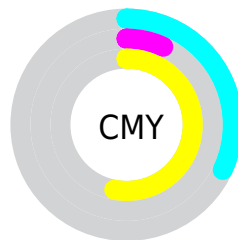
- Red (68%)
- Green (93%)
- Blue (47%)



- Red (47%)
- Yellow (93%)
- Blue (71%)



- Cyan (27%)
- Magenta (0%)
- Yellow (50%)
- Black (7%)



- Cyan (32%)
- Magenta (7%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color AEED77 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 AEED77 by changing the saturation by 10% instead.

 AEED77

 AEED77

FFFFFF

 92D15D

 E8FFAD

 76B542

 FFFFC A

 5B9A27

 FFFF E6

 407F05

 236600

 004D00

 003600

 002100

 000000

 AEED77

 AEED77

 A1ED5F

 BBED8F

 95ED48

 C7EDA6

 88ED30

 D4EDBE

 7BED18

 E1EDD6

 6FED00

 EDEDED

 6EED00

 FAEDFF

 FFEDFF

Harmonies

Analogous

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



EFDD5D



AEED77



52F6AB

Triad

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



AEED77



00EEFF



FFA7CD

Complementary

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



AEED77



B677ED

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.



FFAFFF



AEED77



8DDCFF

Square

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



AEED77



00F7FF



F5C5FF



FFB293

Rectangle

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



AEEED77



00F9D5



F5C5FF



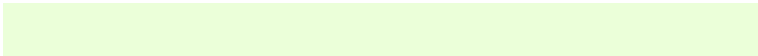
FFA7E2

Sweetspot

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



AEED77



EBFFD9



EDB677



738069



000000



808080

Same Dimension

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



AEED77



ADFF66



77ED7B



6F756A



54B500



193600

Inverse Universe

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



B677ED



B866FF



ED77E9



706A75



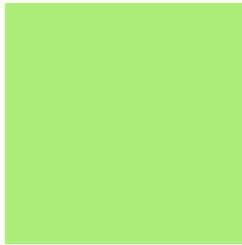
6100B5



1D0036

Previews

White Background



This preview shows how the Hex color AEED77 looks on a white background.

Color Contrast Check

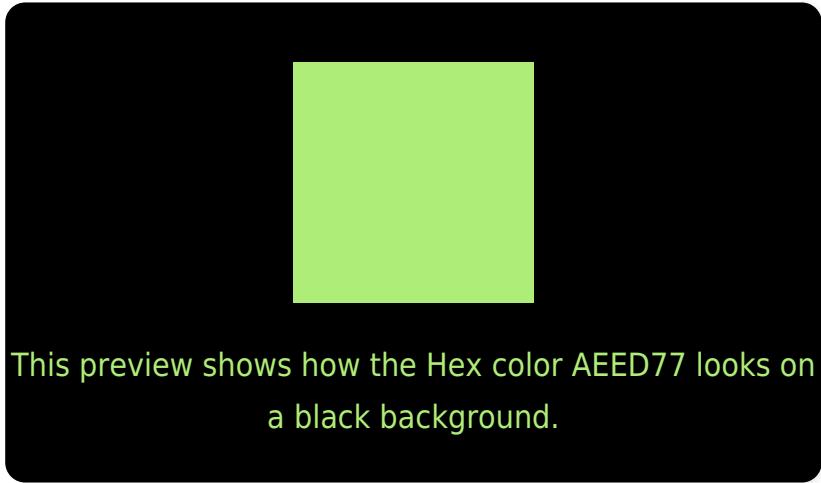
Large Text (above 18pt) WCAG AA × Fail

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 AEED77 Background



This preview shows how black text looks on a background with the Hex color AEED77.

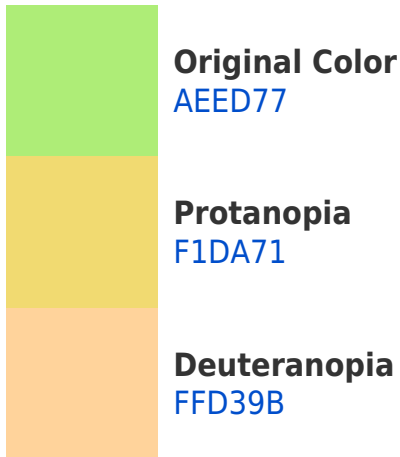


This preview shows how white text looks on a background with the Hex color AEED77.

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



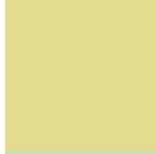
Trichromacy



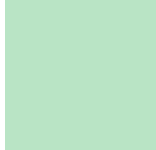
Original Color
AEED77



Protanomaly
D9E173



Deuteranomaly
E2DC8E

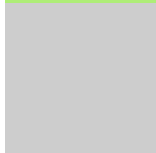


Tritanomaly
B9E4C5

Monochromacy



Original Color
AEED77



Achromatopsia
CDCDCD



Achromatomaly
C2D9AE

CSS Examples

Text

The CSS property to change the color of the text to Hex AEED77 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 #AEED77 looks like.

```
.text, #text, p{  
    color:#AEED77  
}
```

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 #AEED77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEED77  
}
```

Border

The CSS property to change the border of an element to Hex AEED77 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  
#AEED77 }
```

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

```
.border{ border-color:#AEED77 }
```

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

Here you see how a box with a 4 pixel #AEED77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEED77; -webkit-box-shadow:4px 4px  
4px 4px #AEED77; box-shadow:4px 4px 4px  
4px #AEED77 }
```

Background

The CSS property to change the background color of an element to Hex AEED77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEED77 }
```

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

```
.background{ background-color:#AEED77 }
```

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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