

Converting Colors

Hex(AEE483)

Have a look what the booklet for
Hex(AEE483) contains.

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Color

Hex(AEE483)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | AEE483 |
| RGB | 174, 228, 131 |
| RGB Percent | 68%, 89%, 51% |
| CMY | 0.3176, 0.1059, 0.4863 |
| CMYK | 0.24, 0.00, 0.43, 0.11 |
| HSL | 93°, 64%, 70% |
| HSV | 93°, 43%, 89% |
| XYZ | 49.2957, 66.1242, 31.6378 |
| YIQ | 200.7960, -1.0470, -41.6150 |

Conversions

Conversions Part 2

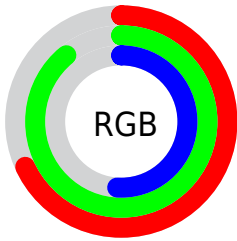
| Format | Color |
|-------------------------------------|----------------------------------------------|
| RYB | 131, 228, 185 |
| Decimal | 11461763 |
| CIELab | 85.06, -33.88, 41.77 |
| CIElCh | 85, 53.784, 129.043 |
| Yxy | 66.1242, 0.3352, 0.4496 |
| Android (android.graphics.Color) | 4289651843 (0xFFAEE483) |
| YUV | 200.7960, -34.4094, -23.5001 |
| Hunter-Lab | 81.3168, -34.0944, 33.8539 |

Details

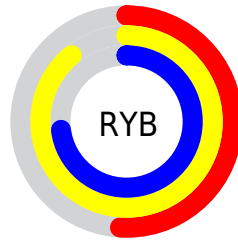
The Hex color **AEE483** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B983E4**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **E7FFB9**, and **77AC4F** is the 20% darker color. If you saturate the color by 10%, you get **A1E46C**, and if you desaturate by 10%, it is **BBE49A**.

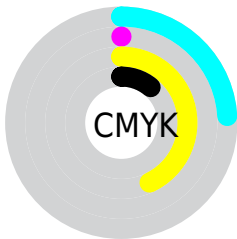
Distribution



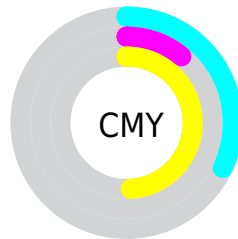
- Red (68%)
- Green (89%)
- Blue (51%)



- Red (51%)
- Yellow (89%)
- Blue (73%)



- Cyan (24%)
- Magenta (0%)
- Yellow (43%)
- Black (11%)



- Cyan (32%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color AEE483 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 AEE483 by changing the saturation by 10% instead.

 AEE483

FFFFFF

 E7FFB9

 FFFFD5

 FFFFF2

 AEE483

 92C869

 77AC4F

 5D9136

 43781D

 285E00

 0C4600

 002F00

 001A00

 000000

 AEE483

 AEE483

 A1E46C

 BBE49A

 95E455

 C7E4B1

 88E43F

 D4E4C7

 7BE428

 E1E4DE

 6FE411

 EDE4F5

 65E400

 FAE4FF

 FFE4FF

Harmonies

Analogous

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



E5D76D



AEE483



69ECAE

Triad

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



AEE483



00E4FF



FFABC7

Complementary

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



AEE483



B983E4

Split Complementary

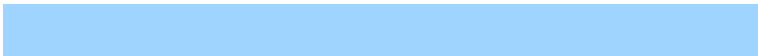
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB0FA



AEE483



9ED4FF

Square

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



AEE483



00ECFF



EDC1FF



FFB497

Rectangle

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



AEE483



06EFD1



EDC1FF



FFABD8

Sweetspot

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



AEE483



EDFFDE



E4B883



74806B



000000



808080

Same Dimension

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



AEE483



B7FF7D



83E488



6C7367



4FB300



173300

Inverse Universe

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



B983E4



C57DFF



E483DF



6E6773



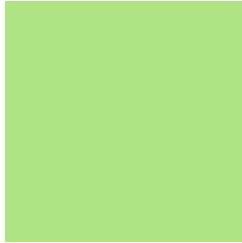
6300B3



1C0033

Previews

White Background



This preview shows how the Hex color AEE483 looks on a white background.

Color Contrast Check

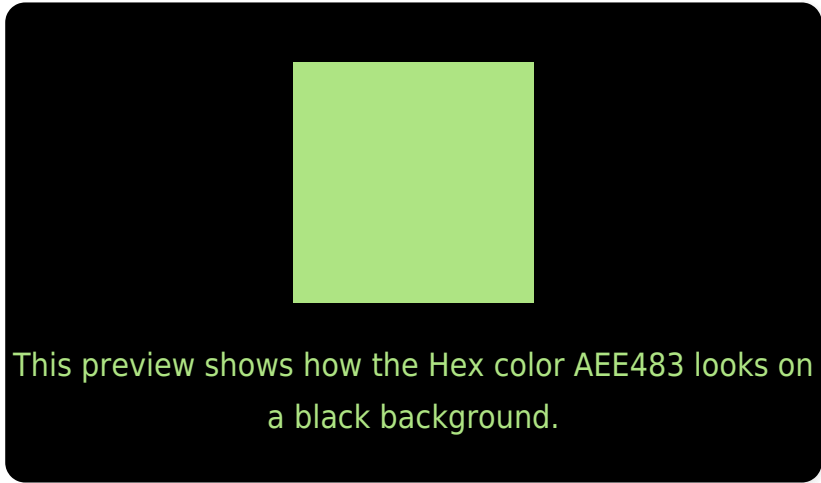
Large Text (above 18pt) WCAG AA × Fail

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 AEE483 Background



This preview shows how black text looks on a background with the Hex color AEE483.

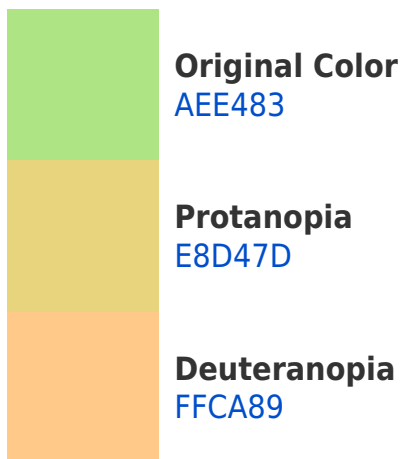


This preview shows how white text looks on a background with the Hex color AEE483.

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
BDD8E9

Trichromacy



Original Color
AEE483



Protanomaly
D3DA7F



Deuteranomaly
E2D387

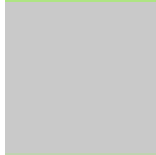


Tritanomaly
B8DCC4

Monochromacy



Original Color
AEE483



Achromatopsia
C9C9C9



Achromatomaly
BFD3B0

CSS Examples

Text

The CSS property to change the color of the text to Hex AEE483 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 #AEE483 looks like.

```
.text, #text, p{  
    color:#AEE483  
}
```

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 #AEE483 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEE483
}
```

Border

The CSS property to change the border of an element to Hex AEE483 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
#AEE483 }
```

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

```
.border{ border-color:#AEE483 }
```

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

Here you see how a box with a 4 pixel #AEE483 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEE483; -webkit-box-shadow:4px 4px  
4px 4px #AEE483; box-shadow:4px 4px 4px  
4px #AEE483 }
```

Background

The CSS property to change the background color of an element to Hex AEE483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEE483 }
```

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

```
.background{ background-color:#AEE483 }
```

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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