

Converting Colors

Hex(AEE734)

Have a look what the booklet for
Hex(AEE734) contains.

Hex(AEE734)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AEE734)

Conversions

Conversions Part 1

Format	Color
Hex	AEE734
RGB	174, 231, 52
RGB Percent	68%, 91%, 20%
CMY	0.3176, 0.0941, 0.7961
CMYK	0.25, 0.00, 0.77, 0.09
HSL	79°, 79%, 55%
HSV	79°, 77%, 91%
XYZ	46.6513, 66.3984, 13.6062
YIQ	193.5510, 23.4870, -67.7530

Conversions

Conversions Part 2

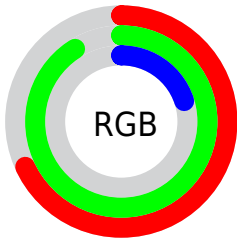
Format	Color
RYB	52, 231, 109
Decimal	11462452
CIELab	85.20, -41.80, 74.49
CIELCh	85, 85.416, 119.296
Yxy	66.3984, 0.3683, 0.5242
Android (android.graphics.Color)	4289652532 (0xFFAEE734)
YUV	193.5510, -69.7846, -17.1462
Hunter-Lab	81.4852, -40.4057, 47.1396

Details

The Hex color **AEE734** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed chartreuse. A complement of this color would be **6D34E7**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **E9FF71**, and **74AF00** is the 20% darker color. If you saturate the color by 10%, you get **A7E71D**, and if you desaturate by 10%, it is **B5E74B**.

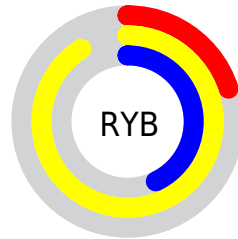
Distribution



Red (68%)

Green (91%)

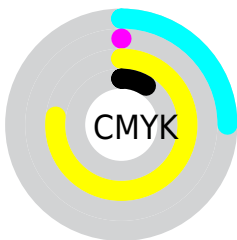
Blue (20%)



Red (20%)

Yellow (91%)

Blue (43%)

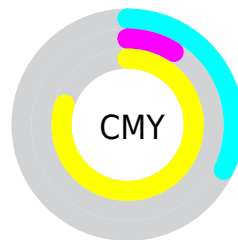


Cyan (25%)

Magenta (0%)

Yellow (77%)

Black (9%)



Cyan (32%)

Magenta (9%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color AEE734 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 AEE734 by changing the saturation by 10% instead.

 AEE734

 AEE734

FFFFFF

 91CB02

 E9FF71

 74AF00

 FFFF8D

 579400

 FFFF8A

 3A7A00

 FFFF87

 186100

 FFFF85

 004800

 003100

 001B00

 000000

 AEE734

 AEE734

 A7E71D

 B5E74B

 9FE706

 BDE762

 9DE700

 C4E779

 CBE790

 D3E7A8

 DAE7BF

 E1E7D6

 E9E7ED

 F0E7FF

Harmonies

Analogous

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



FED005



AEE734



OCF47E

Triad

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



AEE734



00F2FF



FF84DA

Complementary

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



AEE734



6D34E7

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.



FF9BFF



AEE734



00DFFF

Square

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



AEE734



00FAFF



CFC0FF



FF908B

Rectangle

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



AEE734



00F9B4



CFC0FF



FF88F5

Sweetspot

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



AEE734



ECFFC4



E76D34



74805C



000000



808080

Same Dimension

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



AEE734



B3FF12



55E734



6F7367



7AB300



233300

Inverse Universe

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



6D34E7



5D12FF



C634E7



6B6773



3900B3



100033

Previews

White Background



This preview shows how the Hex color AEE734 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



This preview shows how the Hex color AEE734 looks on a 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 AEE734 Background



This preview shows how black text looks on a background with the Hex color AEE734.

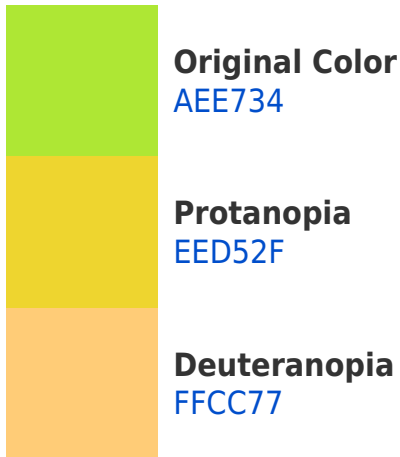


This preview shows how white text looks on a background with the Hex color AEE734.

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](#).

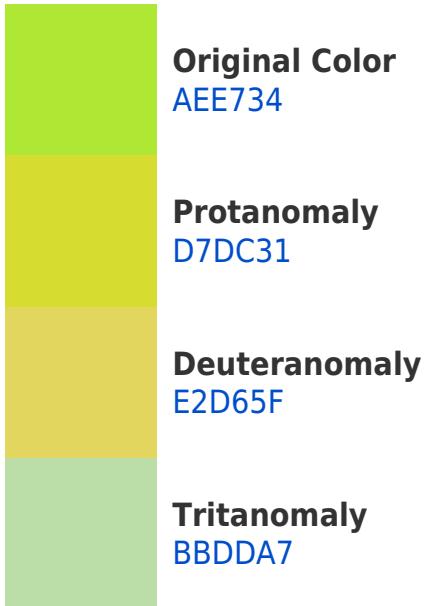
Dichromacy





Tritanopia
C2D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AEE734 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 #AEE734 looks like.

```
.text, #text, p{  
    color:#AEE734  
}
```

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 #AEE734 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEE734
}
```

Border

The CSS property to change the border of an element to Hex AEE734 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
#AEE734 }
```

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

```
.border{ border-color:#AEE734 }
```

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

Here you see how a box with a 4 pixel #AEE734 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEE734; -webkit-box-shadow:4px 4px  
4px 4px #AEE734; box-shadow:4px 4px 4px  
4px #AEE734 }
```

Background

The CSS property to change the background color of an element to Hex AEE734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEE734 }
```

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

```
.background{ background-color:#AEE734 }
```

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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