

Converting Colors

Hex(AEE65B)

Have a look what the booklet for
Hex(AEE65B) contains.

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Color

Hex(AEE65B)

Conversions

Conversions Part 1

Format	Color
Hex	AEE65B
RGB	174, 230, 91
RGB Percent	68%, 90%, 36%
CMY	0.3176, 0.0980, 0.6431
CMYK	0.24, 0.00, 0.60, 0.10
HSL	84°, 74%, 63%
HSV	84°, 60%, 90%
XYZ	47.6407, 66.3476, 20.1930
YIQ	197.4100, 11.2430, -55.1010

Conversions

Conversions Part 2

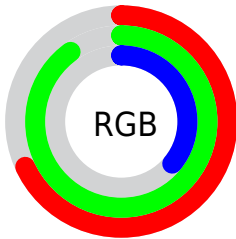
Format	Color
RYB	91, 230, 147
Decimal	11462235
CIELab	85.17, -38.92, 60.38
CIELCh	85, 71.837, 122.801
Yxy	66.3476, 0.3550, 0.4945
Android (android.graphics.Color)	4289652315 (0xFFAEE65B)
YUV	197.4100, -52.4601, -20.5306
Hunter-Lab	81.4541, -38.1438, 42.3195

Details

The Hex color **AEE65B** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **935BE6**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **E8FF92**, and **76AE21** is the 20% darker color. If you saturate the color by 10%, you get **A5E644**, and if you desaturate by 10%, it is **B7E672**.

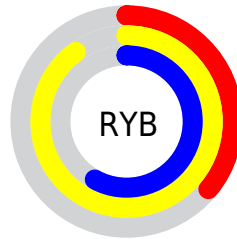
Distribution



Red (68%)

Green (90%)

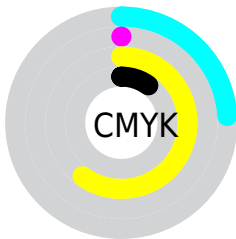
Blue (36%)



Red (36%)

Yellow (90%)

Blue (58%)

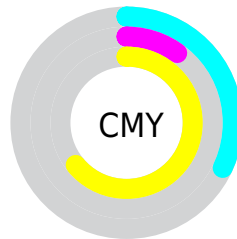


Cyan (24%)

Magenta (0%)

Yellow (60%)

Black (10%)



Cyan (32%)

Magenta (10%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color AEE65B 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 AEE65B by changing the saturation by 10% instead.

 AEE65B

 AEE65B

FFFFFF

 92CA3F

 E8FF92

 76AE21

 FFFFAE

 5A9300

 FFFFCA

 3E7900

 FFFF E7

 226000

 004800

 003100

 001B00

 000000

 AEE65B

 AEE65B

 A5E644

 B7E672

 9BE62D

 C1E689

 92E616

 CAE6A0

 89E600

 D3E6B7

 DCE6CE

 E6E6E5

 EFE6FC

 F8E6FF

 FFE6FF

Harmonies

Analogous

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



F4D342



AEE65B



44F194

Triad

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



AEE65B



00ECFF



FF97D1

Complementary

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



AEE65B



935BE6

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.



FFA5FF



AEE65B



46DAFF

Square

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



AEE65B



00F4FF



E0C0FF



FFA18F

Rectangle

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



AEE65B



00F5C2



E0C0FF



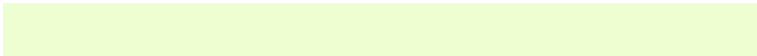
FF99E8

Sweetspot

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



AEE65B



EDFFD1



E6935B



748063



000000



808080

Same Dimension

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



AEE65B



B4FF45



69E65B



6E7367



6BB300



1E3300

Inverse Universe

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



935BE6



9045FF



D85BE6



6C6773



4800B3



150033

Previews

White Background



This preview shows how the Hex color AEE65B 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 AEE65B 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 AEE65B Background



This preview shows how black text looks on a background with the Hex color AEE65B.

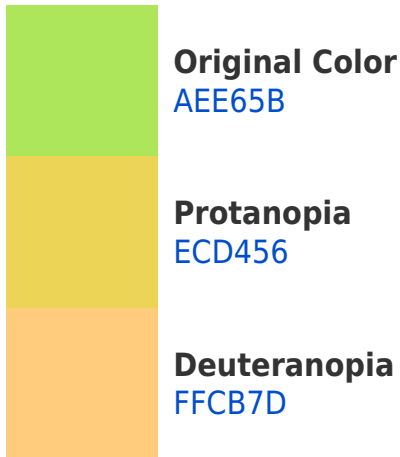


This preview shows how white text looks on a background with the Hex color AEE65B.

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](#).

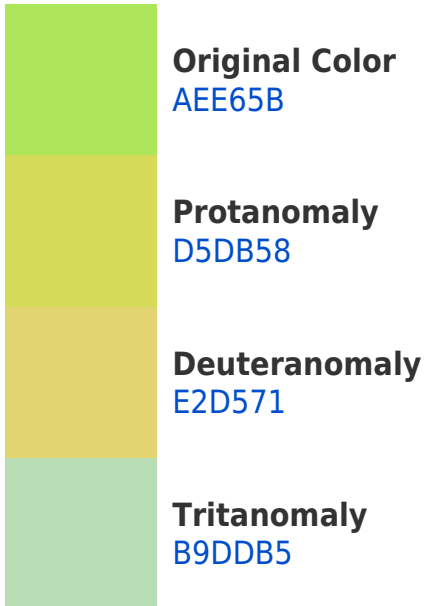
Dichromacy



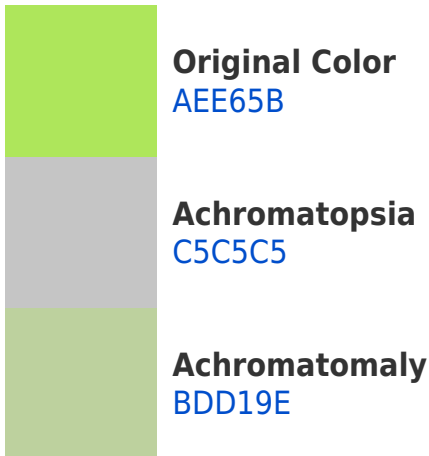


Tritanopia
C0D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AEE65B 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 #AEE65B looks like.

```
.text, #text, p{  
    color:#AEE65B  
}
```

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 #AEE65B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEE65B
}
```

Border

The CSS property to change the border of an element to Hex AEE65B 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
#AEE65B }
```

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

```
.border{ border-color:#AEE65B }
```

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

Here you see how a box with a 4 pixel #AEE65B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEE65B; -webkit-box-shadow:4px 4px  
4px 4px #AEE65B; box-shadow:4px 4px 4px  
4px #AEE65B }
```

Background

The CSS property to change the background color of an element to Hex AEE65B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEE65B }
```

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

```
.background{ background-color:#AEE65B }
```

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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