

Converting Colors

Hex(AEF577)

Have a look what the booklet for
Hex(AEF577) contains.

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Color

Hex(AEF577)

Conversions

Conversions Part 1

Format	Color
Hex	AEF577
RGB	174, 245, 119
RGB Percent	68%, 96%, 47%
CMY	0.3176, 0.0392, 0.5333
CMYK	0.29, 0.00, 0.51, 0.04
HSL	94°, 86%, 71%
HSV	94°, 51%, 96%
XYZ	53.4377, 75.6354, 29.2354
YIQ	209.4070, -1.8700, -54.2380

Conversions

Conversions Part 2

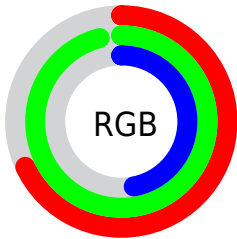
Format	Color
RYB	119, 245, 190
Decimal	11466103
CIELab	89.69, -42.89, 53.20
CIELCh	90, 68.331, 128.875
Yxy	75.6354, 0.3376, 0.4778
Android (android.graphics.Color)	4289656183 (0xFFFAEF577)
YUV	209.4070, -44.5707, -31.0519
Hunter-Lab	86.9686, -42.5160, 40.9471

Details

The Hex color **AEF577** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **BE77F5**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **E8FFAE**, and **76BC42** is the 20% darker color. If you saturate the color by 10%, you get **A0F55E**, and if you desaturate by 10%, it is **BCF58F**.

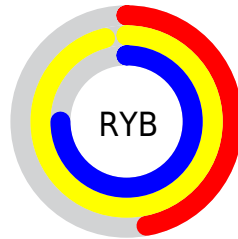
Distribution



Red (68%)

Green (96%)

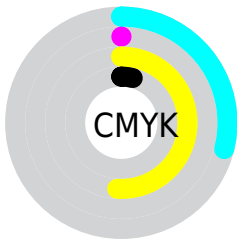
Blue (47%)



Red (47%)

Yellow (96%)

Blue (75%)

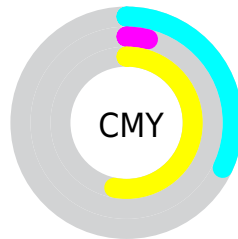


Cyan (29%)

Magenta (0%)

Yellow (51%)

Black (4%)



Cyan (32%)

Magenta (4%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color AEF577 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 AEF577 by changing the saturation by 10% instead.

 AEF577

FFFFFF

 E8FFAE

 FFFFC4

 FFFFE7

 AEF577

 92D85C

 76BC42

 5AA126

 3E8600

 1F6D00

 005400

 003C00

 002700

 000000

 AEF577

 AEF577

 A0F55E

 BCF58F

 92F546

 CAF5A8

 85F52D

 D7F5C0

 77F515

 E5F5D9

 6BF500

 F3F5F2

 FFF5FF

Harmonies

Analogous

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



F4E459



AEF577



42FFB0

Triad

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



AEF577



00F5FF



FFA8D1

Complementary

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



AEF577



BE77F5

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.



FFB1FF



AEF577



8FE2FF

Square

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



AEF577



00FFFF



FFC8FF



FFB593

Rectangle

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



AEF577



00FFDD



FFC8FF



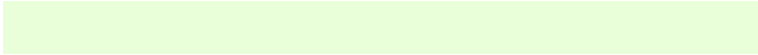
FFA9E7

Sweetspot

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



AEF577



E9FFD9



F5BC77



738069



000000



808080

Same Dimension

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



AEF577



A6FF61



77F57D



747A6E



51BA00



1A3B00

Inverse Universe

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



BE77F5



BA61FF



F577EF



756E7A



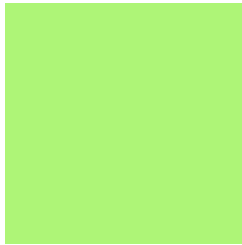
6900BA



21003B

Previews

White Background



This preview shows how the Hex color AEF577 looks on a white background.

Color Contrast Check

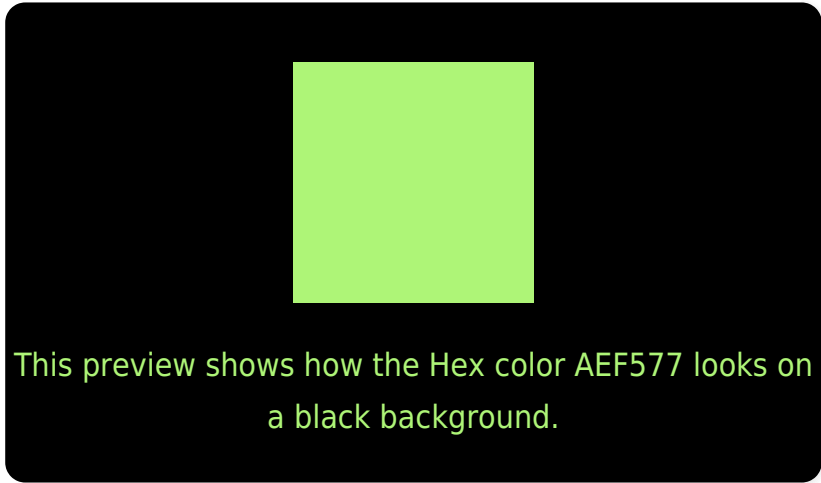
Large Text (above 18pt) WCAG AA × Fail

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 AEF577 Background



This preview shows how black text looks on a background with the Hex color AEF577.

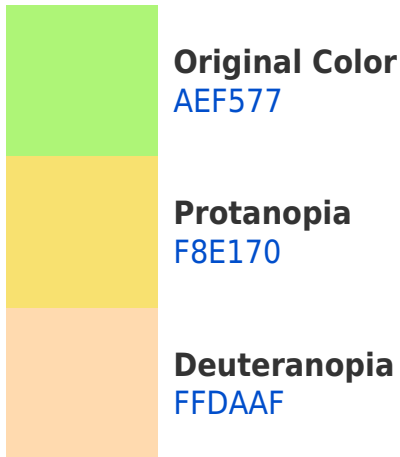


This preview shows how white text looks on a background with the Hex color AEF577.

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



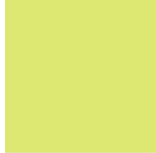


Tritanopia
C1E7F9

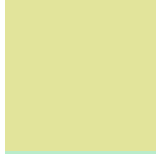
Trichromacy



Original Color
AEF577



Protanomaly
DDE873



Deuteranomaly
E2E49B

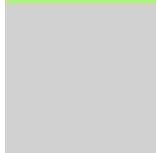


Tritanomaly
BAECCA

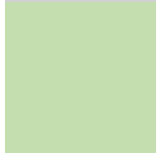
Monochromacy



Original Color
AEF577



Achromatopsia
D1D1D1



Achromatomaly
C4DEB0

CSS Examples

Text

The CSS property to change the color of the text to Hex AEF577 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 #AEF577 looks like.

```
.text, #text, p{  
    color:#AEF577  
}
```

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 #AEF577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEF577
}
```

Border

The CSS property to change the border of an element to Hex AEF577 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
#AEF577 }
```

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

```
.border{ border-color:#AEF577 }
```

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

Here you see how a box with a 4 pixel #AEF577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEF577; -webkit-box-shadow:4px 4px  
4px 4px #AEF577; box-shadow:4px 4px 4px  
4px #AEF577 }
```

Background

The CSS property to change the background color of an element to Hex AEF577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEF577 }
```

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

```
.background{ background-color:#AEF577 }
```

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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