

Converting Colors

Hex(AEF21C)

Have a look what the booklet for
Hex(AEF21C) contains.

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Color

Hex(AEF21C)

Conversions

Conversions Part 1

Format	Color
Hex	AEF21C
RGB	174, 242, 28
RGB Percent	68%, 95%, 11%
CMY	0.3176, 0.0510, 0.8902
CMYK	0.28, 0.00, 0.88, 0.05
HSL	79°, 89%, 53%
HSV	79°, 88%, 95%
XYZ	49.4173, 72.5868, 12.5047
YIQ	197.2720, 28.1660, -80.9700

Conversions

Conversions Part 2

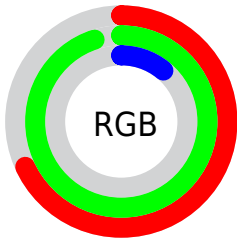
Format	Color
R _Y B	28, 242, 96
Decimal	11465244
CIE Lab	88.25, -47.30, 82.53
CIE LCh	88, 95.121, 119.820
Yxy	72.5868, 0.3674, 0.5396
Android (android.graphics.Color)	4289655324 (0xFFAEF21C)
YUV	197.2720, -83.4511, -20.4095
Hunter-Lab	85.1979, -45.5610, 50.9364

Details

The Hex color **AEF21C** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **601CF2**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **EAFF64**, and **73B900** is the 20% darker color. If you saturate the color by 10%, you get **A6F204**, and if you desaturate by 10%, it is **B6F234**.

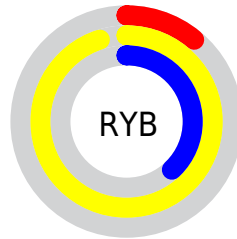
Distribution



Red (68%)

Green (95%)

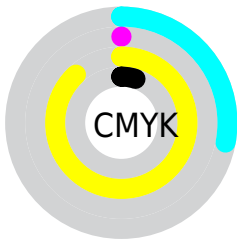
Blue (11%)



Red (11%)

Yellow (95%)

Blue (38%)

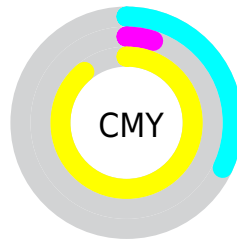


Cyan (28%)

Magenta (0%)

Yellow (88%)

Black (5%)



Cyan (32%)

Magenta (5%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color AEF21C 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 AEF21C by changing the saturation by 10% instead.

 AEF21C

 AEF21C

FFFFFF

 90D500

 EAFF64

 73B900

 FFFF82

 559E00

 FFFF9F

 368400

 FFFFBD

 096A00

 FFFFDB

 005100

 FFFFF9

 003900

 002300

 000000

 AEF21C

 AEF21C

 A6F204

 B6F234

 A5F200

 BDF24C

 C5F265

 CDF27D

 D4F295

 DCF2AD

 E4F2C5

 ECF2DE

 F3F2F6

Harmonies

Analogous

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



FFD900



AEF21C



00FF7C

Triad

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



AEF21C



00DFF



FF7DE2

Complementary

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



AEF21C



601CF2

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.



FF9AFF



AEF21C



00E9FF

Square

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



AEF21C



00FFFF



D7C5FF



FF8D89

Rectangle

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



AEF21C



00FFBA



D7C5FF



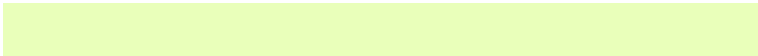
FF82FF

Sweetspot

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



AEF21C



E9FFBA



F2601C



738057



000000



808080

Same Dimension

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



AEF21C



AEFF00



43F21C



74786C



7DB800



263800

Inverse Universe

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



601CF2



5100FF



CB1CF2



706C78



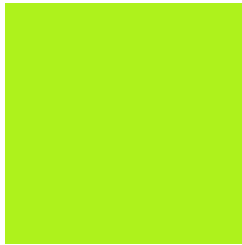
3A00B8



120038

Previews

White Background



This preview shows how the Hex color AEF21C looks on a white background.

Color Contrast Check

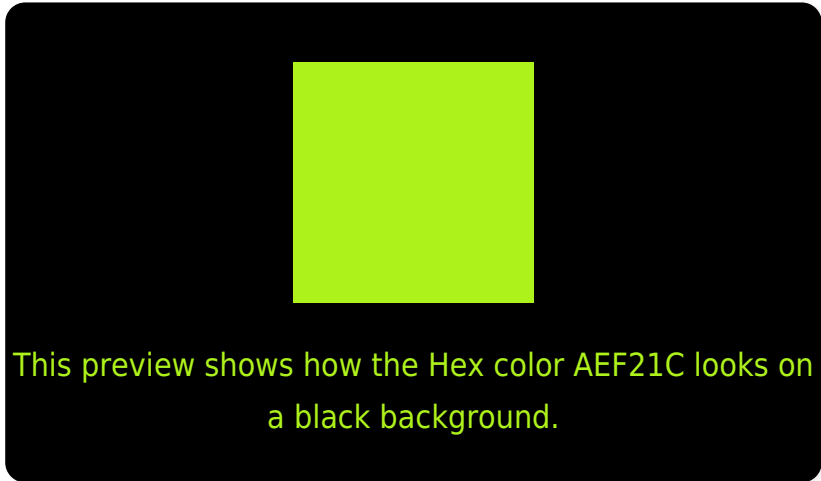
Large Text (above 18pt) WCAG AA × Fail

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 AEF21C Background



This preview shows how black text looks on a background with the Hex color AEF21C.



This preview shows how white text looks on a background with the Hex color AEF21C.

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



Original Color
AEF21C

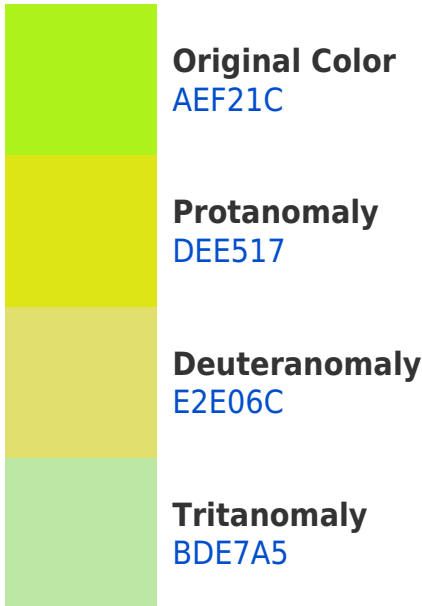
Protanopia
F9DD14

Deuteranopia
FFD699

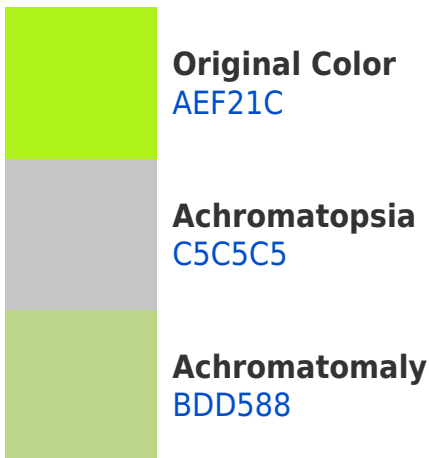


Tritanopia
C5E1F3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AEF21C 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 #AEF21C looks like.

```
.text, #text, p{  
    color:#AEF21C  
}
```

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 #AEF21C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEF21C
}
```

Border

The CSS property to change the border of an element to Hex AEF21C 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
#AEF21C }
```

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

```
.border{ border-color:#AEF21C }
```

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

Here you see how a box with a 4 pixel #AEF21C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEF21C; -webkit-box-shadow:4px 4px  
4px 4px #AEF21C; box-shadow:4px 4px 4px  
4px #AEF21C }
```

Background

The CSS property to change the background color of an element to Hex AEF21C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEF21C }
```

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

```
.background{ background-color:#AEF21C }
```

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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