

Converting Colors

Hex(AEEF21)

Have a look what the booklet for
Hex(AEEF21) contains.

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Color

Hex(AEEF21)

Conversions

Conversions Part 1

Format	Color
Hex	AEEF21
RGB	174, 239, 33
RGB Percent	68%, 94%, 13%
CMY	0.3176, 0.0627, 0.8706
CMYK	0.27, 0.00, 0.86, 0.06
HSL	79°, 87%, 53%
HSV	79°, 86%, 94%
XYZ	48.5966, 70.8415, 12.5513
YIQ	196.0810, 27.3860, -77.8460

Conversions

Conversions Part 2

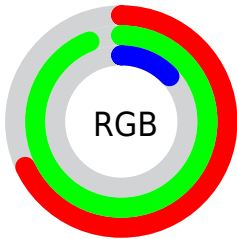
Format	Color
R_{YB}	33, 239, 98
Decimal	11464481
CIE _{Lab}	87.41, -45.91, 80.95
CIE _{LCh}	87, 93.065, 119.558
Yxy	70.8415, 0.3682, 0.5367
Android (android.graphics.Color)	4289654561 (0xFFAEEF21)
YUV	196.0810, -80.3989, -19.3650
Hunter-Lab	84.1674, -44.2306, 50.0757

Details

The Hex color **AEEF21** 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 **6221EF**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **EAFF66**, and **73B700** is the 20% darker color. If you saturate the color by 10%, you get **A6EF09**, and if you desaturate by 10%, it is **B6EF39**.

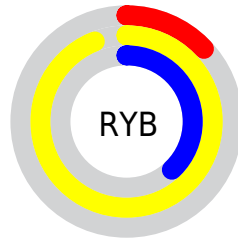
Distribution



Red (68%)

Green (94%)

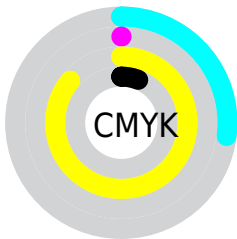
Blue (13%)



Red (13%)

Yellow (94%)

Blue (38%)

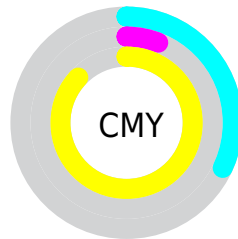


Cyan (27%)

Magenta (0%)

Yellow (86%)

Black (6%)



Cyan (32%)

Magenta (6%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color AEEF21 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 AEEF21 by changing the saturation by 10% instead.

 AEEF21

 AEEF21

FFFFFF

 90D200

 EAFF66

 73B700

 FFFF84

 559B00

 FFFFA1

 378100

 FFFFBE

 0E6700

 FFFFDC

 004F00

 FFFFFA

 003700

 002100

 000000

 AEEF21

 AEEF21

 A6EF09

 B6EF39

 A4EF00

 BDEF51

 C5EF69

 CCEF81

 D4EF98

 DBEFB0

 E3EFC8

 EAEFE0

 F2EFF8

Harmonies

Analogous

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



FFD700



AEEF21



00FD7C

Triad

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



AEEF21



00FAFF



FF7EE0

Complementary

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



AEEF21



6221EF

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



AEEF21



00E6FF

Square

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



AEEF21



00FFFF



D4C4FF



FF8D89

Rectangle

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



AEEF21



00FFB8



D4C4FF



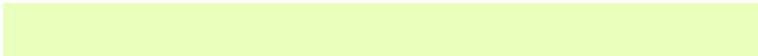
FF83FE

Sweetspot

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



AEEF21



EAFFBD



EF5F21



738058



000000



808080

Same Dimension

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



AEEF21



AFFF00



4AEF21



74786C



7EB800



263800

Inverse Universe

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



6221EF



5000FF



C621EF



706C78



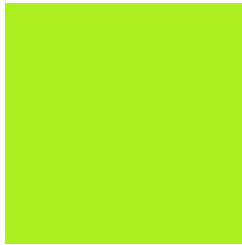
3A00B8



120038

Previews

White Background



This preview shows how the Hex color AEEF21 looks on a white background.

Color Contrast Check

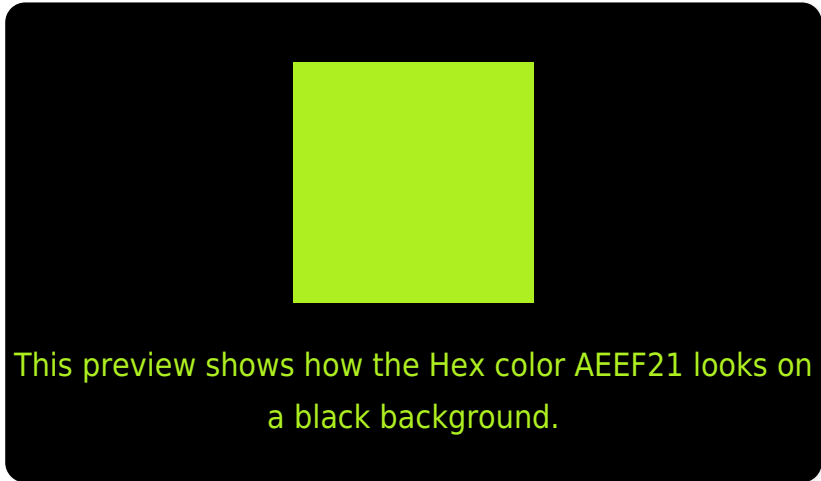
Large Text (above 18pt) WCAG AA × Fail

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 AEEF21 Background



This preview shows how black text looks on a background with the Hex color AEEF21.

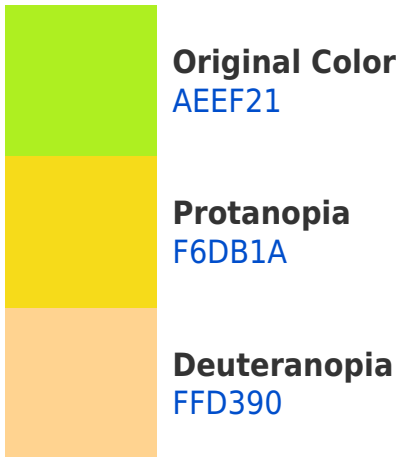


This preview shows how white text looks on a background with the Hex color AEEF21.

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](#).

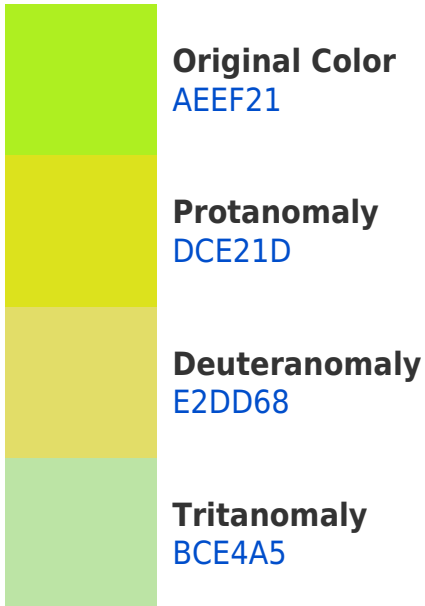
Dichromacy



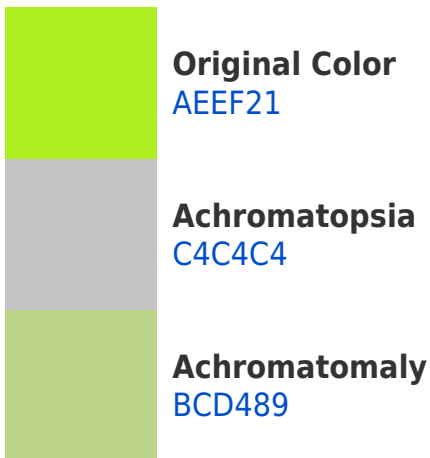


Tritanopia
C4DEF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AEEF21 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 #AEEF21 looks like.

```
.text, #text, p{  
    color:#AEEF21  
}
```

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 #AEEF21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEEF21
}
```

Border

The CSS property to change the border of an element to Hex AEEF21 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
#AEEF21 }
```

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

```
.border{ border-color:#AEEF21 }
```

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

Here you see how a box with a 4 pixel #AEEF21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEEF21; -webkit-box-shadow:4px 4px  
4px 4px #AEEF21; box-shadow:4px 4px 4px  
4px #AEEF21 }
```

Background

The CSS property to change the background color of an element to Hex AEEF21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEEF21 }
```

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

```
.background{ background-color:#AEEF21 }
```

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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