

Converting Colors

Hex(AEC926)

Have a look what the booklet for
Hex(AEC926) contains.

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Color

Hex(AEC926)

Conversions

Conversions Part 1

Format	Color
Hex	AEC926
RGB	174, 201, 38
RGB Percent	68%, 79%, 15%
CMY	0.3176, 0.2118, 0.8510
CMYK	0.13, 0.00, 0.81, 0.21
HSL	70°, 68%, 47%
HSV	70°, 81%, 79%
XYZ	38.6921, 50.9119, 9.6214
YIQ	174.3450, 36.2310, -56.4170

Conversions

Conversions Part 2

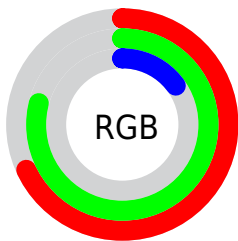
Format	Color
RYB	38, 201, 65
Decimal	11454758
CIELab	76.63, -28.68, 70.62
CIELCh	77, 76.220, 112.106
Yxy	50.9119, 0.3899, 0.5131
Android (android.graphics.Color)	4289644838 (0xFFAEC926)
YUV	174.3450, -67.2181, -0.3026
Hunter-Lab	71.3526, -28.0726, 41.9519

Details

The Hex color **AEC926** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **4126C9**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **E9FF63**, and **759300** is the 20% darker color. If you saturate the color by 10%, you get **ABC912**, and if you desaturate by 10%, it is **B1C93A**.

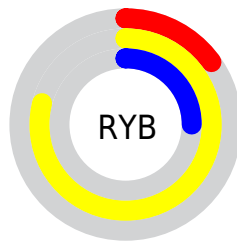
Distribution



Red (68%)

Green (79%)

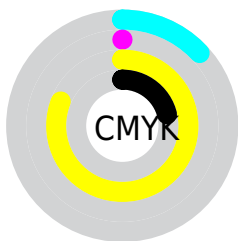
Blue (15%)



Red (15%)

Yellow (79%)

Blue (25%)

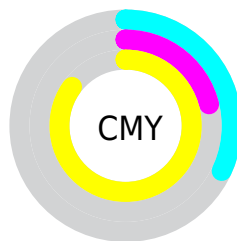


Cyan (13%)

Magenta (0%)

Yellow (81%)

Black (21%)



Cyan (32%)

Magenta (21%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color AEC926 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 AEC926 by changing the saturation by 10% instead.

 AEC926

 AEC926

FFFFFF

 91AE00

 E9FF63

 759300

 FFFF7F

 597900

 FFFF9C

 3E6000

 FFFFB8

 214800

 FFFFD5

 013200

 FFFFF3

 001F00

 000000

 AEC926

 AEC926

 ABC912

 B1C93A

 A8C900

 B5C94E

 B8C962

 BBC976

 BFC98B

 C2C99F

 C5C9B3

 C9C9C7

 CCC9DB

Harmonies

Analogous

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



F0B31B



AEC926



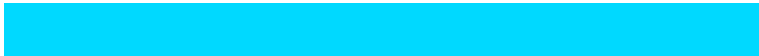
50D661

Triad

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



AEC926



00D9FF



FF7AD3

Complementary

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



AEC926



4126C9

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.



FF93FF



AEC926



00CBFF

Square

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



AEC926



00DEF0



99B2FF



FF7D8C

Rectangle

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



AEC926



00DC8F



99B2FF



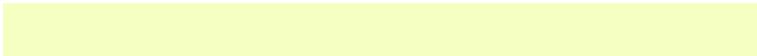
FF80EA

Sweetspot

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



AEC926



F5FFC2



C93E26



79805B



000000



808080

Same Dimension

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



AEC926



D6FF08



5FC926



62635A



88A300



1E2400

Inverse Universe

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



4126C9



3108FF



9026C9



5B5A63



1B00A3



060024

Previews

White Background



This preview shows how the Hex color AEC926 looks on a white background.

Color Contrast Check

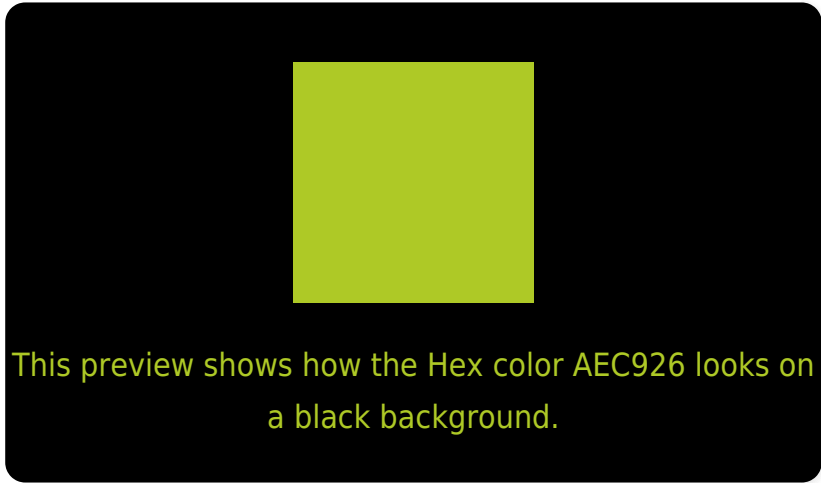
Large Text (above 18pt) WCAG AA × Fail

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 AEC926 Background



This preview shows how black text looks on a background with the Hex color AEC926.



This preview shows how white text looks on a background with the Hex color AEC926.

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

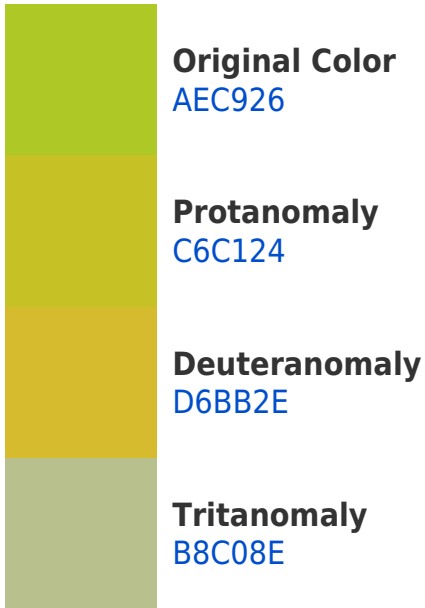


Original Color
AEC926

Protanopia
D4BD23

Deuteranopia
EDB332

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AEC926 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 #AEC926 looks like.

```
.text, #text, p{  
    color:#AEC926  
}
```

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 #AEC926 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEC926
}
```

Border

The CSS property to change the border of an element to Hex AEC926 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
#AEC926 }
```

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

```
.border{ border-color:#AEC926 }
```

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

Here you see how a box with a 4 pixel #AEC926 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEC926; -webkit-box-shadow:4px 4px  
4px 4px #AEC926; box-shadow:4px 4px 4px  
4px #AEC926 }
```

Background

The CSS property to change the background color of an element to Hex AEC926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEC926 }
```

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

```
.background{ background-color:#AEC926 }
```

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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