

Converting Colors

Hex(AEC144)

Have a look what the booklet for
Hex(AEC144) contains.

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Color

Hex(AEC144)

Conversions

Conversions Part 1

Format	Color
Hex	AEC144
RGB	174, 193, 68
RGB Percent	68%, 76%, 27%
CMY	0.3176, 0.2431, 0.7333
CMYK	0.10, 0.00, 0.65, 0.24
HSL	69°, 50%, 51%
HSV	69°, 65%, 76%
XYZ	37.5689, 47.5560, 12.6680
YIQ	173.0690, 28.8010, -42.9030

Conversions

Conversions Part 2

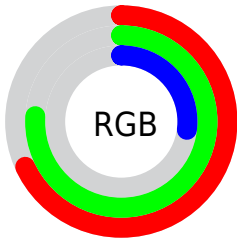
Format	Color
RYB	68, 193, 87
Decimal	11452740
CIELab	74.54, -23.33, 58.47
CIELCh	75, 62.957, 111.752
Yxy	47.5560, 0.3842, 0.4863
Android (android.graphics.Color)	4289642820 (0xFFAEC144)
YUV	173.0690, -51.7990, 0.8165
Hunter-Lab	68.9608, -23.4371, 37.3811

Details

The Hex color **AEC144** is a dark color, and the websafe version is hex **CCCC66**. The color can be described as middle muted chartreuse. A complement of this color would be **5744C1**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **E8F97A**, and **768C00** is the 20% darker color. If you saturate the color by 10%, you get **ABC131**, and if you desaturate by 10%, it is **B1C157**.

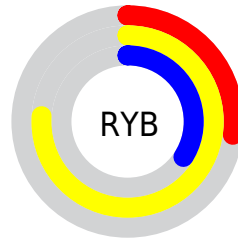
Distribution



Red (68%)

Green (76%)

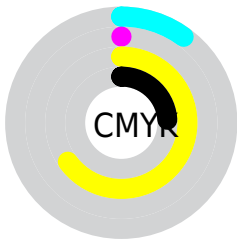
Blue (27%)



Red (27%)

Yellow (76%)

Blue (34%)

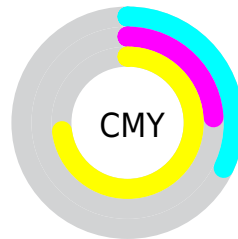


Cyan (10%)

Magenta (0%)

Yellow (65%)

Black (24%)



Cyan (32%)

Magenta (24%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color AEC144 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 AEC144 by changing the saturation by 10% instead.

 AEC144

 AEC144

FFFFFF

 92A628

 E8F97A

 768C00

 FFFF95

 5B7200

 FFFFB1

 425900

 FFFFCE

 274200

 FFFFFEB

 0B2C00

 001900

 000000

 AEC144

 AEC144

■ ABC131

■ B1C157

■ A8C11D

■ B4C16B

■ A5C10A

■ B7C17E

■ A4C100

■ BAC191

■ BDC1A4

■ C0C1B8

■ C3C1CB

■ C5C1DE

■ C8C1F2

Harmonies

Analogous

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



E5AF3E



AEC144



67CD6C

Triad

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



AEC144



00CFFF



FF85CA

Complementary

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



AEC144



5744C1

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.



EF97FF



AEC144



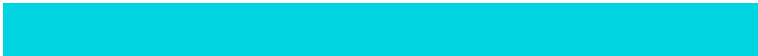
00C3FF

Square

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



AEC144



00D4E1



9EAFFF



FF8690

Rectangle

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



AEC144



00D191



9EAFFF



FF89DD

Sweetspot

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



AEC144



F3FACA



C15744



797D60



FCFCFC



7D7D7D

Same Dimension

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



AEC144



DCFA37



70C144



5F6157



88A100



1C2100

Inverse Universe

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



5744C1



5537FA



9544C1



595761



1800A1



050021

Previews

White Background



This preview shows how the Hex color AEC144 looks on a white background.

Color Contrast Check

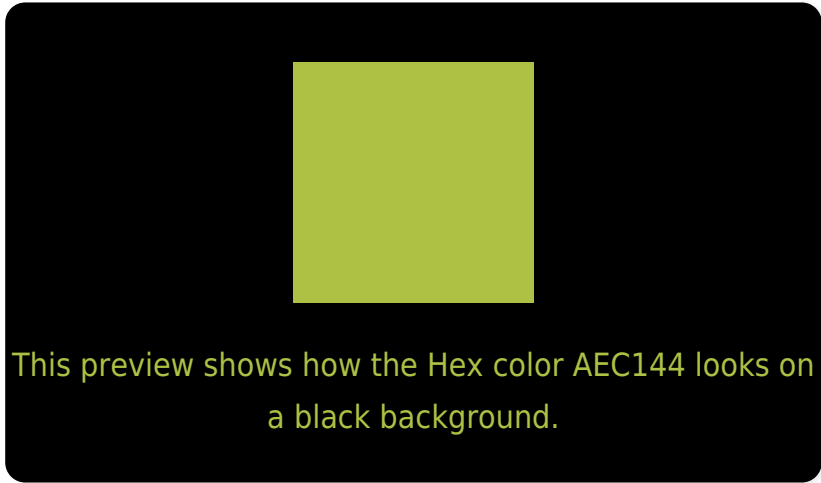
Large Text (above 18pt) WCAG AA × Fail

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 AEC144 Background



This preview shows how black text looks on a background with the Hex color AEC144.



This preview shows how white text looks on a background with the Hex color AEC144.

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
AEC144

Protanopia
CDB741

Deuteranopia
E4AE4A



Tritanopia
BBB5C3

Trichromacy



Original Color
AEC144

Protanomaly
C2BB42

Deuteranomaly
D0B548

Tritanomaly
B6B995

Monochromacy



Original Color
AEC144

Achromatopsia
ADADAD

Achromatomaly
ADB487

CSS Examples

Text

The CSS property to change the color of the text to Hex AEC144 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 #AEC144 looks like.

```
.text, #text, p{  
    color:#AEC144  
}
```

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 #AEC144 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEC144
}
```

Border

The CSS property to change the border of an element to Hex AEC144 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
#AEC144 }
```

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

```
.border{ border-color:#AEC144 }
```

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

Here you see how a box with a 4 pixel #AEC144 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEC144; -webkit-box-shadow:4px 4px  
4px 4px #AEC144; box-shadow:4px 4px 4px  
4px #AEC144 }
```

Background

The CSS property to change the background color of an element to Hex AEC144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEC144 }
```

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

```
.background{ background-color:#AEC144 }
```

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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