

Converting Colors

Hex(AECB5F)

Have a look what the booklet for
Hex(AECB5F) contains.

Hex(AECB5F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AECB5F)

Conversions

Conversions Part 1

Format	Color
Hex	AECB5F
RGB	174, 203, 95
RGB Percent	68%, 80%, 37%
CMY	0.3176, 0.2039, 0.6275
CMYK	0.14, 0.00, 0.53, 0.20
HSL	76°, 51%, 58%
HSV	76°, 53%, 80%
XYZ	40.8771, 52.5368, 18.8126
YIQ	182.0170, 17.3840, -39.7360

Conversions

Conversions Part 2

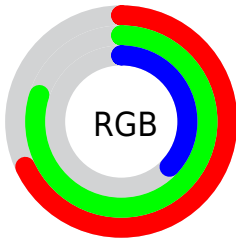
Format	Color
RYB	95, 203, 124
Decimal	11455327
CIELab	77.60, -26.04, 49.99
CIELCh	78, 56.362, 117.515
Yxy	52.5368, 0.3642, 0.4681
Android (android.graphics.Color)	4289645407 (0xFFFAECB5F)
YUV	182.0170, -42.8994, -7.0309
Hunter-Lab	72.4823, -26.1772, 35.3490

Details

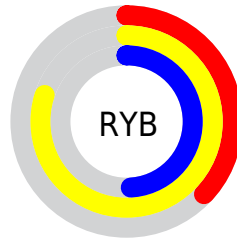
The Hex color **AECB5F** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **7C5FCB**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **E7FF94**, and **77952B** is the 20% darker color. If you saturate the color by 10%, you get **A9CB4B**, and if you desaturate by 10%, it is **B3CB73**.

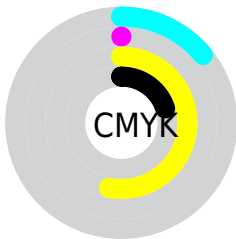
Distribution



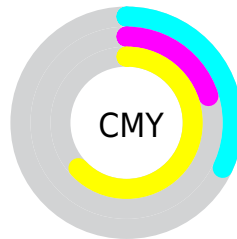
- Red (68%)
- Green (80%)
- Blue (37%)



- Red (37%)
- Yellow (80%)
- Blue (49%)



- Cyan (14%)
- Magenta (0%)
- Yellow (53%)
- Black (20%)



- Cyan (32%)
- Magenta (20%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color AECB5F 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 AECB5F by changing the saturation by 10% instead.

 AECB5F

 AECB5F

FFFFFF

 92B045

 E7FF94

 77952B

 FFFFB0

 5D7B0B

 FFFFCC

 436200

 FFFFE9

 2A4A00

 0D3300

 002000

 000000

 AECB5F

 AECB5F

 A9CB4B

 B3CB73

 A3CB36

 B9CB88

 9ECB22

 BECB9C

 98CB0E

 C4CBB0

 94CB00

 C9CBC5

 CFCBD9

 D4CBED

 DACBFF

 DFCBFF

Harmonies

Analogous

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



E2BB54



AECB5F



6CD585

Triad

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



AECB5F



00D3FF



FF94C6

Complementary

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



AECB5F



7C5FCB

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.



FCA0F9



AECB5F



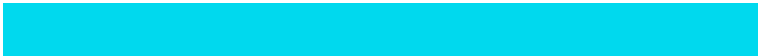
51C7FF

Square

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



AECB5F



00D9EE



BCB4FF



FF9892

Rectangle

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



AECB5F



18D9A7



BCB4FF



FF96D8

Sweetspot

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



AECB5F



F4FFD6



CB7C5F



798067



000000



808080

Same Dimension

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



AECB5F



D3FF5C



78CB5F



63665C



79A600



1C2600

Inverse Universe

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



7C5FCB



885CFF



B25FCB



5F5C66



2D00A6



0A0026

Previews

White Background



This preview shows how the Hex color AECB5F looks on a white background.

Color Contrast Check

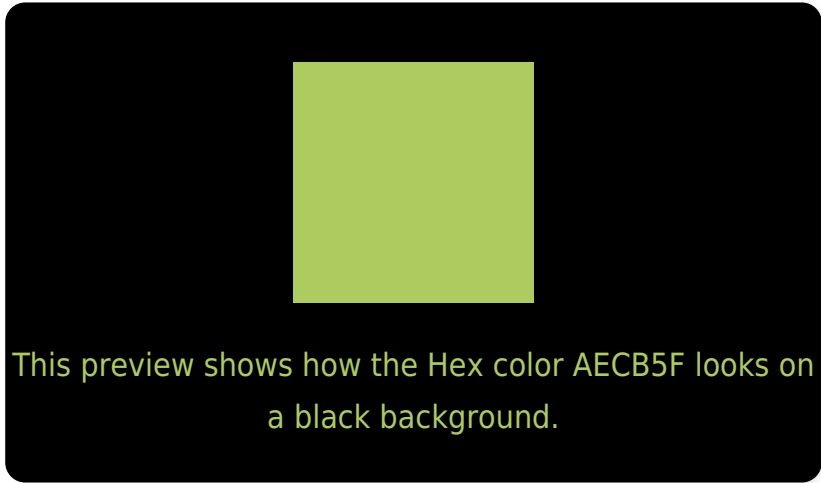
Large Text (above 18pt) WCAG AA × Fail

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 AECB5F Background



This preview shows how black text looks on a background with the Hex color AECB5F.

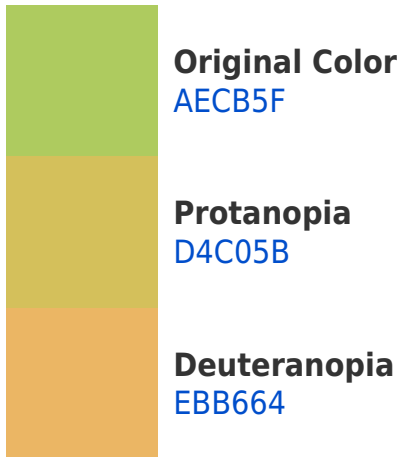


This preview shows how white text looks on a background with the Hex color AECB5F.

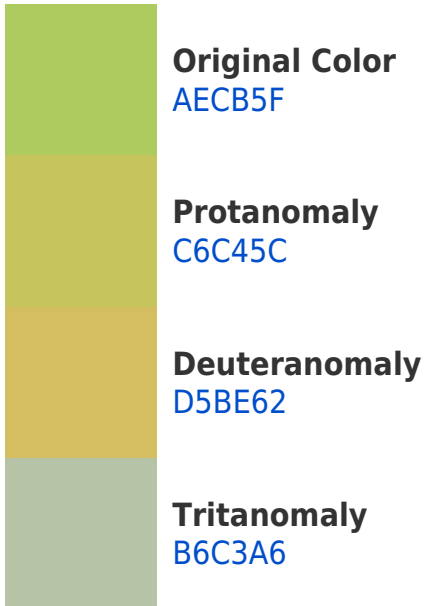
Color Blindness Simulation

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](#).

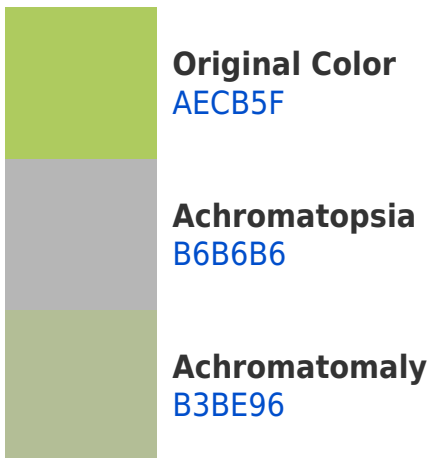
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AECB5F 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 #AECB5F looks like.

```
.text, #text, p{  
    color:#AECB5F  
}
```

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 #AECB5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AECB5F
}
```

Border

The CSS property to change the border of an element to Hex AECB5F 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
#AECB5F }
```

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

```
.border{ border-color:#AECB5F }
```

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

Here you see how a box with a 4 pixel #AECB5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AECB5F; -webkit-box-shadow:4px 4px  
4px 4px #AECB5F; box-shadow:4px 4px 4px  
4px #AECB5F }
```

Background

The CSS property to change the background color of an element to Hex AECB5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AECB5F }
```

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

```
.background{ background-color:#AECB5F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor