

Converting Colors

Hex(AECC73)

Have a look what the booklet for
Hex(AECC73) contains.

Hex(AECC73)	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(AECC73)

Conversions

Conversions Part 1

Format	Color
Hex	AECC73
RGB	174, 204, 115
RGB Percent	68%, 80%, 45%
CMY	0.3176, 0.2000, 0.5490
CMYK	0.15, 0.00, 0.44, 0.20
HSL	80°, 47%, 63%
HSV	80°, 44%, 80%
XYZ	42.1429, 53.4222, 24.3100
YIQ	184.8840, 10.6890, -34.0390

Conversions

Conversions Part 2

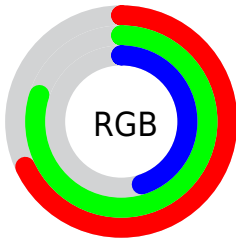
Format	Color
R _{YB}	115, 204, 145
Decimal	11455603
CIE Lab	78.12, -24.44, 40.95
CIE LCh	78, 47.687, 120.825
Yxy	53.4222, 0.3516, 0.4456
Android (android.graphics.Color)	4289645683 (0xFFAECC73)
YUV	184.8840, -34.4528, -9.5453
Hunter-Lab	73.0905, -24.9878, 31.4434

Details

The Hex color **AECC73** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9173CC**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **E7FFA8**, and **789640** is the 20% darker color. If you saturate the color by 10%, you get **A7CC5F**, and if you desaturate by 10%, it is **B5CC87**.

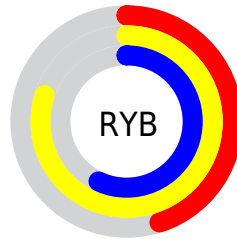
Distribution



Red (68%)

Green (80%)

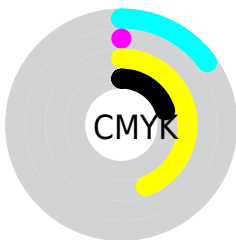
Blue (45%)



Red (45%)

Yellow (80%)

Blue (57%)

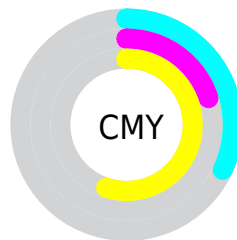


Cyan (15%)

Magenta (0%)

Yellow (44%)

Black (20%)



Cyan (32%)

Magenta (20%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color AECC73 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 AECC73 by changing the saturation by 10% instead.

 AECC73

 AECC73

FFFFFF

 93B059

 E7FFA8

 789640

 FFFFC4

 5E7C28

 FFFFEO

 44630C

FFFFFFD

 2C4B00

 133400

 002000

 000000

 AECC73

 AECC73

 A7CC5F

 B5CC87

 A0CC4A

 BCCC9C

 99CC36

 C3CCB0

 92CC21

 CACCC5

 8CCC0D

 D0CCD9

 87CC00

 D7CCED

 DECCFF

 E5CCFF

 ECCCCF

Harmonies

Analogous

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



DCBF67



AECC73



77D494

Triad

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



AECC73



00D1FF



FF9DC2

Complementary

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



AECC73



9173CC

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.



F9A5ED



AECC73



7DC5FF

Square

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



AECC73



00D7ED



C7B5FF



FFA296

Rectangle

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



AECC73



48D8B2



C7B5FF



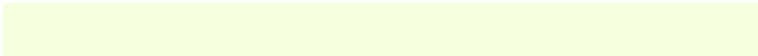
FF9FD1

Sweetspot

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



AECC73



F4FFDE



CC9173



79806B



000000



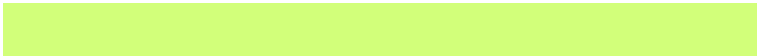
808080

Same Dimension

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



AECC73



D2FF7A



82CC73



63665C



6EA600



192600

Inverse Universe

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



9173CC



A77AFF



BD73CC



5F5C66



3800A6



0D0026

Previews

White Background



This preview shows how the Hex color AECC73 looks on a white background.

Color Contrast Check

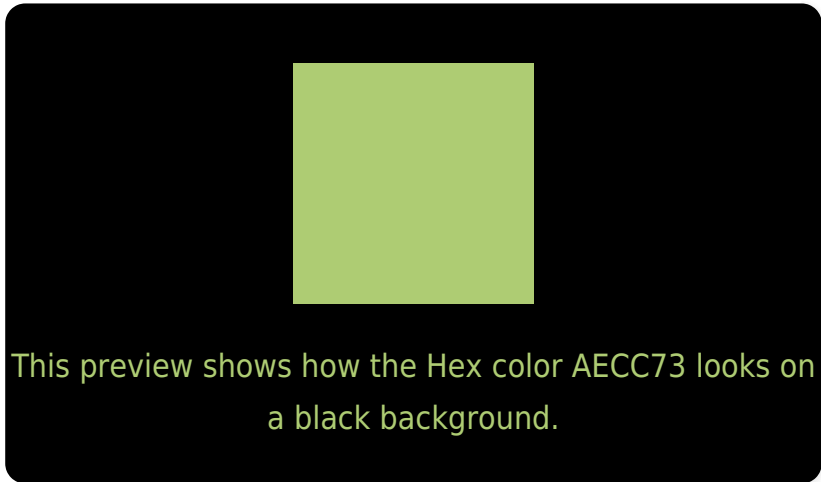
Large Text (above 18pt) WCAG AA × Fail

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 AECC73 Background



This preview shows how black text looks on a background with the Hex color AECC73.

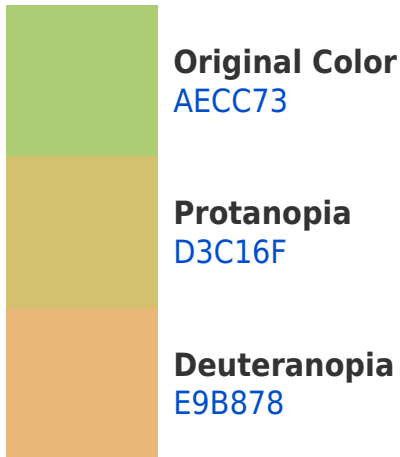


This preview shows how white text looks on a background with the Hex color AECC73.

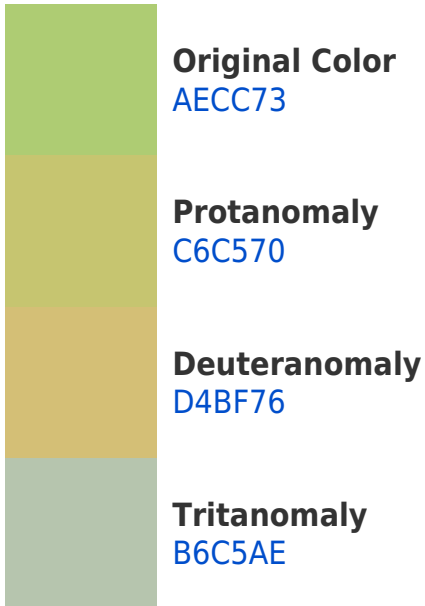
Color Blindness Simulation

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](#).

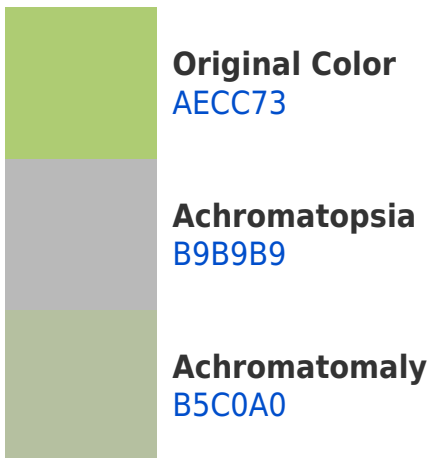
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AECC73 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 #AECC73 looks like.

```
.text, #text, p{  
    color:#AECC73  
}
```

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 #AECC73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AECC73
}
```

Border

The CSS property to change the border of an element to Hex AECC73 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
#AECC73 }
```

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

```
.border{ border-color:#AECC73 }
```

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

Here you see how a box with a 4 pixel #AECC73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AECC73; -webkit-box-shadow:4px 4px  
4px 4px #AECC73; box-shadow:4px 4px 4px  
4px #AECC73 }
```

Background

The CSS property to change the background color of an element to Hex AECC73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AECC73 }
```

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

```
.background{ background-color:#AECC73 }
```

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