

# Converting Colors

Hex(AEC95C)

Have a look what the booklet for  
Hex(AEC95C) contains.

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**Color**

**Hex(AEC95C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEC95C
RGB	174, 201, 92
RGB Percent	68%, 79%, 36%
CMY	0.3176, 0.2118, 0.6392
CMYK	0.13, 0.00, 0.54, 0.21
HSL	75°, 50%, 57%
HSV	75°, 54%, 79%
XYZ	40.2740, 51.5447, 17.9517
YIQ	180.5010, 18.8970, -39.6230

# Conversions

## Conversions Part 2

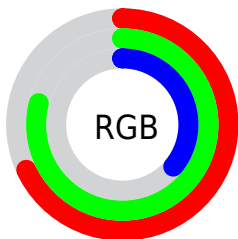
Format	Color
<b>RYB</b>	92, 201, 119
Decimal	11454812
CIELab	77.01, -25.35, 50.69
CIElCh	77, 56.675, 116.567
Yxy	51.5447, 0.3669, 0.4696
Android (android.graphics.Color)	4289644892 (0xFFAEC95C)
YUV	180.5010, -43.6310, -5.7014
Hunter-Lab	71.7946, -25.5091, 35.4312

# Details

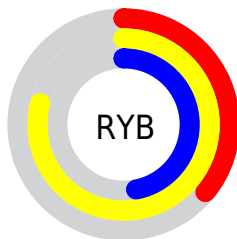
The Hex color **AEC95C** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **775CC9**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **E7FF91**, and **779327** is the 20% darker color. If you saturate the color by 10%, you get **A9C948**, and if you desaturate by 10%, it is **B3C970**.

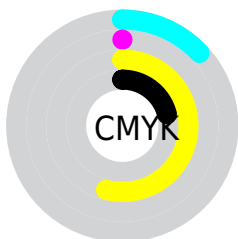
# Distribution



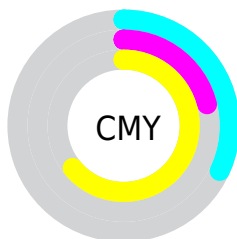
- Red (68%)
- Green (79%)
- Blue (36%)



- Red (36%)
- Yellow (79%)
- Blue (47%)



- Cyan (13%)
- Magenta (0%)
- Yellow (54%)
- Black (21%)



- Cyan (32%)
- Magenta (21%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEC95C 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 AEC95C by changing the saturation by 10% instead.



 AEC95C

 AEC95C

FFFFFF

 92AE42

 E7FF91

 779327

 FFFFAD

 5D7905

 FFFFC9

 426000

 FFFFE5

 294800

 0D3200

 001F00

 000000

 AEC95C

 AEC95C

 A9C948

 B3C970

 A4C934

 B8C984

 9FC920

 BDC998

 9AC90C

 C2C9AC

 97C900

 C7C9C1

 CCC9D5

 D1C9E9

 D6C9FD

 DBC9FF

# Harmonies

## Analogous

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



E2B952



AEC95C



6CD382

# Triad

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



AEC95C



00D2FF



FF92C6

# Complementary

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



AEC95C



775CC9

# 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.



F99EF9



AEC95C



47C6FF

# Square

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



AEC95C



00D8EB



B8B3FF



FF9592

# Rectangle

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



AEC95C



19D7A4



B8B3FF



FF94D8

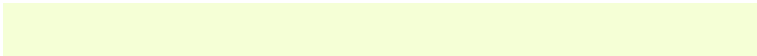


# Sweetspot

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



AEC95C



F5FFD6



C9755C



798067



000000



808080



# Same Dimension

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



AEC95C



D6FF59



79C95C



61635A



7BA300



1B2400



# Inverse Universe

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



775CC9



8259FF



AC5CC9



5C5A63



2800A3



090024



# Previews

## White Background



This preview shows how the Hex color AEC95C looks on a white background.

## Color Contrast Check

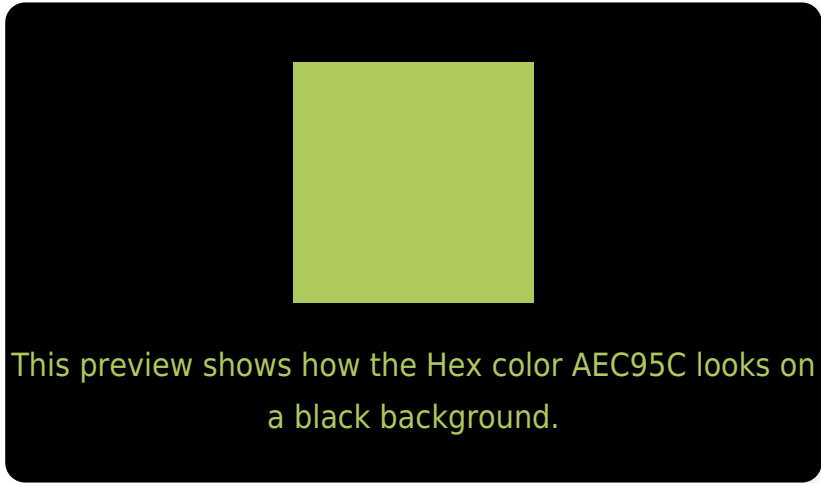
Large Text (above 18pt) WCAG AA × Fail

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 AEC95C Background



This preview shows how black text looks on a background with the Hex color AEC95C.

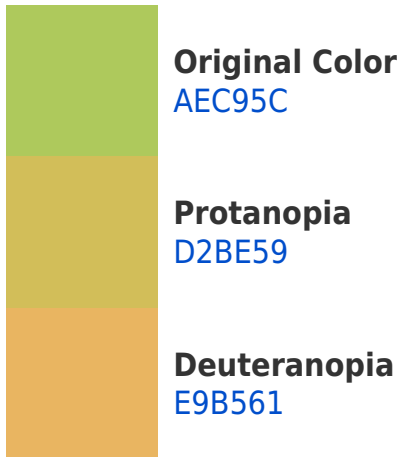


This preview shows how white text looks on a background with the Hex color AEC95C.

# Color Blindness Simulation

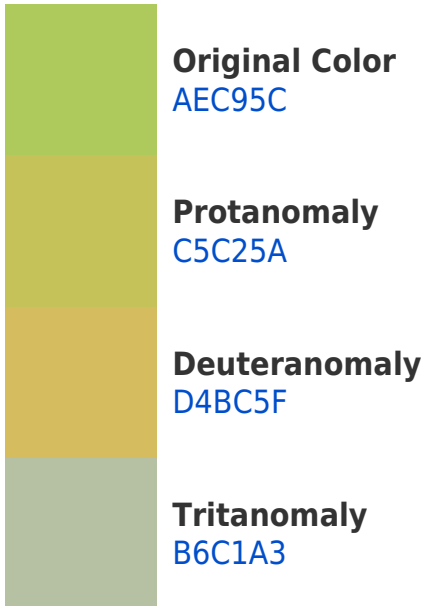
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEC95C 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 #AEC95C looks like.

```
.text, #text, p{  
    color:#AEC95C  
}
```

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 #AEC95C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEC95C
}
```

## Border

The CSS property to change the border of an element to Hex AEC95C 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
#AEC95C }
```

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

```
.border{ border-color:#AEC95C }
```

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

Here you see how a box with a 4 pixel #AEC95C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEC95C; -webkit-box-shadow:4px 4px  
4px 4px #AEC95C; box-shadow:4px 4px 4px  
4px #AEC95C }
```

# Background

The CSS property to change the background color of an element to Hex AEC95C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEC95C }
```

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

```
.background{ background-color:#AEC95C }
```

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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