

# Converting Colors

Hex(AEDA51)

Have a look what the booklet for  
Hex(AEDA51) contains.

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# **Color**

**Hex(AEDA51)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEDA51
RGB	174, 218, 81
RGB Percent	68%, 85%, 32%
CMY	0.3176, 0.1451, 0.6824
CMYK	0.20, 0.00, 0.63, 0.15
HSL	79°, 65%, 59%
HSV	79°, 63%, 85%
XYZ	44.0122, 59.7356, 16.9950
YIQ	189.2260, 17.7530, -51.9350

# Conversions

## Conversions Part 2

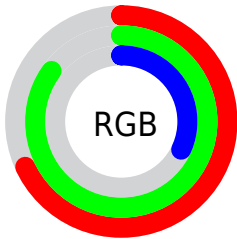
Format	Color
<a href="#">RYB</a>	<a href="#">81, 218, 125</a>
Decimal	<a href="#">11459153</a>
CIELab	<a href="#">81.69, -34.27, 60.75</a>
CIELCh	<a href="#">82, 69.754, 119.427</a>
Yxy	<a href="#">59.7356, 0.3645, 0.4947</a>
Android (android.graphics.Color)	<a href="#">4289649233 (0xFFAEDA51)</a>
YUV	<a href="#">189.2260, -53.3554, -13.3532</a>
Hunter-Lab	<a href="#">77.2888, -33.6084, 41.0649</a>

# Details

The Hex color **AEDA51** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **7D51DA**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **E8FF88**, and **76A313** is the 20% darker color. If you saturate the color by 10%, you get **A7DA3B**, and if you desaturate by 10%, it is **B5DA67**.

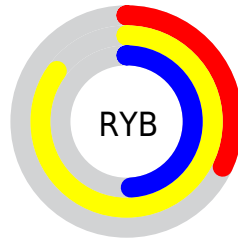
# Distribution



Red (68%)

Green (85%)

Blue (32%)



Red (32%)

Yellow (85%)

Blue (49%)

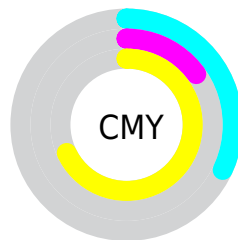


Cyan (20%)

Magenta (0%)

Yellow (63%)

Black (15%)



Cyan (32%)

Magenta (15%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEDA51 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 AEDA51 by changing the saturation by 10% instead.



 AEDA51

 AEDA51

FFFFFF

 92BE35

 E8FF88

 76A313

 FFFFA4

 5A8800

 FFFFC0

 3F6F00

 FFFFDD

 235600

 FFFFFA

 003E00

 002900

 000C00

 000000

 AEDA51

 AEDA51

 A7DA3B

 B5DA67

 A0DA25

 BCDA7D

 99DA10

 C3DA92

 94DA00

 CADAA8

 D1DABE

 D8DAD4

 DFDAEA

 E6DAFF

 EDDAFF

# Harmonies

## Analogous

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



EFC73E



AEDA51



51E585

# Triad

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



AEDA51



00E3FF



FF8FCF

# Complementary

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



AEDA51



7D51DA

# 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.



FF9FFF



AEDA51



00D3FF

# Square

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



AEDA51



00EAFB



CABAFB



FF978F

# Rectangle

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



AEDA51



00EAB1



CABAFF



FF92E5

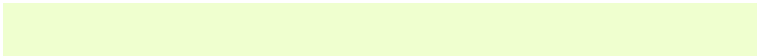


# Sweetspot

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



AEDA51



EFFFCF



DA7C51



768062



000000



808080



# Same Dimension

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



AEDA51



C2FF40



6ADA51



6A6E63



76AD00



1F2E00



# Inverse Universe

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



7D51DA



7D40FF



C151DA



66636E



3800AD



0F002E



# Previews

## White Background



This preview shows how the Hex color AEDA51 looks on a white background.

## Color Contrast Check

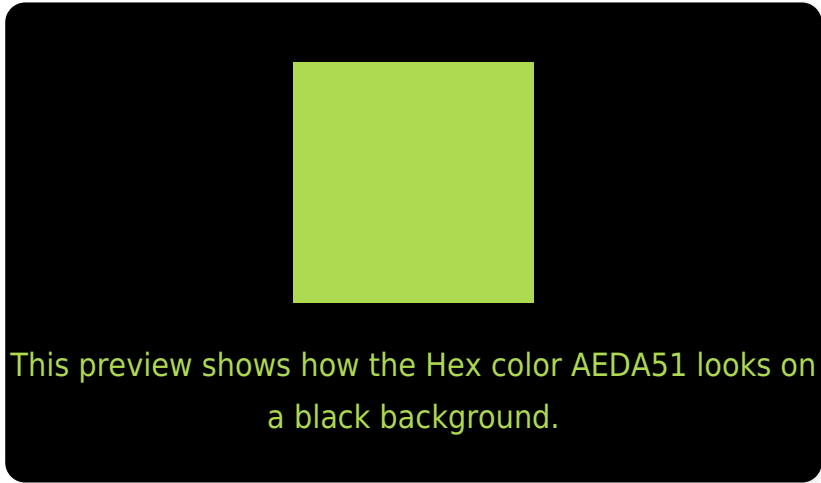
Large Text (above 18pt) WCAG AA × Fail

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 AEDA51 Background



This preview shows how black text looks on a background with the Hex color AEDA51.

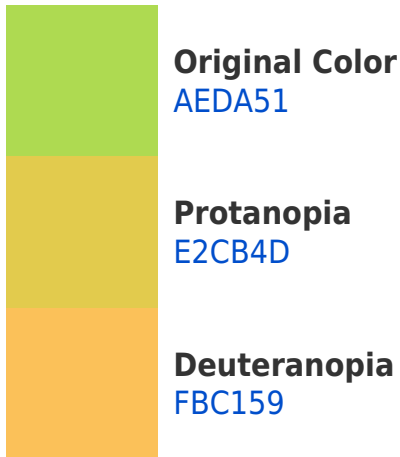


This preview shows how white text looks on a background with the Hex color AEDA51.

# Color Blindness Simulation

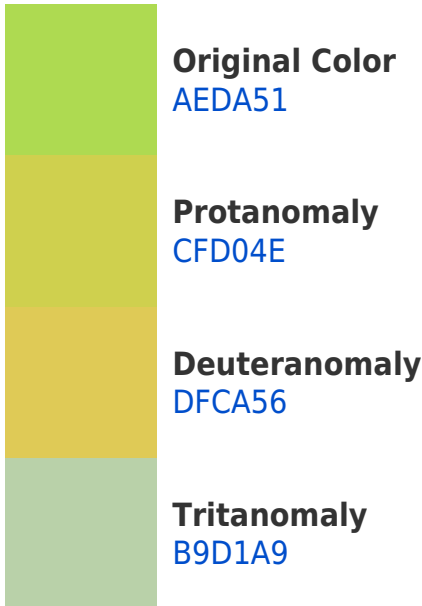
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

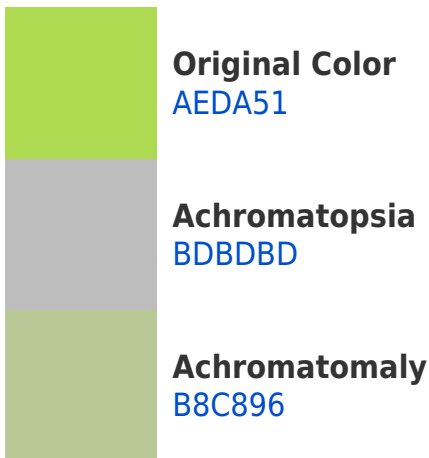




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEDA51 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 #AEDA51 looks like.

```
.text, #text, p{  
    color:#AEDA51  
}
```

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 #AEDA51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEDA51  
}
```

## Border

The CSS property to change the border of an element to Hex AEDA51 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  
#AEDA51 }
```

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

```
.border{ border-color:#AEDA51 }
```

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

Here you see how a box with a 4 pixel #AEDA51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEDA51; -webkit-box-shadow:4px 4px  
4px 4px #AEDA51; box-shadow:4px 4px 4px  
4px #AEDA51 }
```

# Background

The CSS property to change the background color of an element to Hex AEDA51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEDA51 }
```

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

```
.background{ background-color:#AEDA51 }
```

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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