

# Converting Colors

Hex(AED445)

Have a look what the booklet for  
Hex(AED445) contains.

<b>Hex(AED445)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(AED445)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AED445
RGB	174, 212, 69
RGB Percent	68%, 83%, 27%
CMY	0.3176, 0.1686, 0.7294
CMYK	0.18, 0.00, 0.67, 0.17
HSL	76°, 62%, 55%
HSV	76°, 67%, 83%
XYZ	42.0732, 56.5153, 14.3213
YIQ	184.3360, 23.2550, -52.5290

# Conversions

## Conversions Part 2

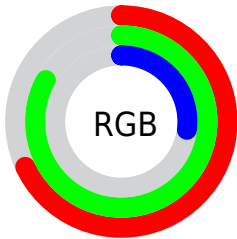
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 212, 107
Decimal	11457605
CIELab	79.91, -32.33, 63.64
CIELCh	80, 71.385, 116.929
Yxy	56.5153, 0.3726, 0.5005
Android (android.graphics.Color)	4289647685 (0xFFAED445)
YUV	184.3360, -56.8606, -9.0647
Hunter-Lab	75.1767, -31.6602, 41.3288

# Details

The Hex color **AED445** 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 **6B45D4**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **E8FF7C**, and **769D00** is the 20% darker color. If you saturate the color by 10%, you get **A8D430**, and if you desaturate by 10%, it is **B4D45A**.

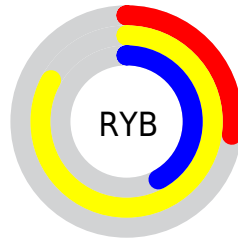
# Distribution



Red (68%)

Green (83%)

Blue (27%)



Red (27%)

Yellow (83%)

Blue (42%)

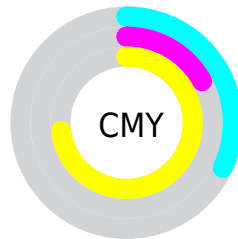


Cyan (18%)

Magenta (0%)

Yellow (67%)

Black (17%)



Cyan (32%)

Magenta (17%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AED445 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 AED445 by changing the saturation by 10% instead.



 AED445

 AED445

FFFFFF

 92B827

 E8FF7C

 769D00

 FFFF98

 5A8300

 FFFFB4

 3F6A00

 FFFFFD1

 235100

 FFFFFEE

 003A00

 002500

 000000

 AED445

 AED445

 A8D430

 B4D45A

 A3D41B

 B9D46F

 9DD405

 BFD485

 9CD400

 C5D49A

 CAD4AF

 D0D4C4

 D5D4D9

 DBD4EF

 E1D4FF

# Harmonies

## Analogous

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



EFC035



AED445



51E07A

# Triad

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



AED445



00DFFF



FF89D0

# Complementary

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



AED445



6B45D4

# 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.



FF9BFF



AED445



00D0FF

# Square

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



AED445



00E6FF



BBB7FF



FF8F8E

# Rectangle

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



AED445



00E4A6



BBB7FF



FF8CE6

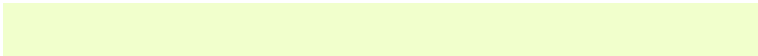


# Sweetspot

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



AED445



F1FFCC



D46945



778061



000000



808080



# Same Dimension

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



AED445



C8FF30



69D445



686B60



7DAB00



202B00



# Inverse Universe

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



6B45D4



6730FF



B045D4



63606B



2D00AB



0C002B



# Previews

## White Background



This preview shows how the Hex color AED445 looks on a white background.

## Color Contrast Check

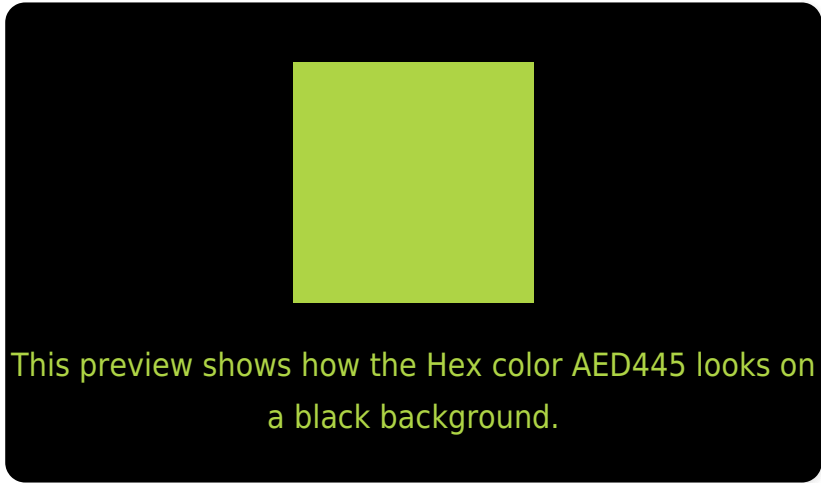
Large Text (above 18pt) WCAG AA × Fail

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 AED445 Background



This preview shows how black text looks on a background with the Hex color AED445.

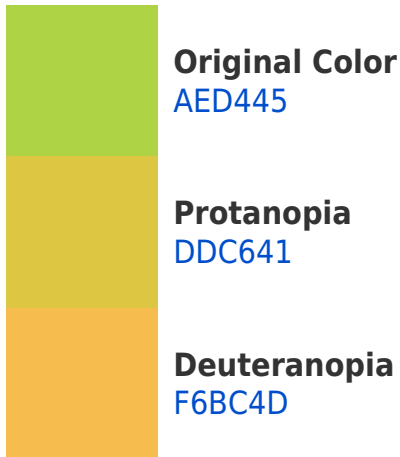


This preview shows how white text looks on a background with the Hex color AED445.

# Color Blindness Simulation

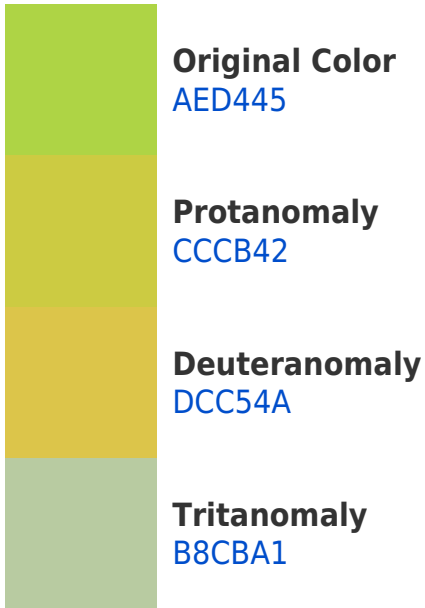
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AED445 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 #AED445 looks like.

```
.text, #text, p{  
    color:#AED445  
}
```

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 #AED445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AED445
}
```

## Border

The CSS property to change the border of an element to Hex AED445 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
#AED445 }
```

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

```
.border{ border-color:#AED445 }
```

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

Here you see how a box with a 4 pixel #AED445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AED445; -webkit-box-shadow:4px 4px  
4px 4px #AED445; box-shadow:4px 4px 4px  
4px #AED445 }
```

# Background

The CSS property to change the background color of an element to Hex AED445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AED445 }
```

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

```
.background{ background-color:#AED445 }
```

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