

# Converting Colors

Hex(AED65D)

Have a look what the booklet for  
Hex(AED65D) contains.

<b>Hex(AED65D)</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(AED65D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AED65D
RGB	174, 214, 93
RGB Percent	68%, 84%, 36%
CMY	0.3176, 0.1608, 0.6353
CMYK	0.19, 0.00, 0.57, 0.16
HSL	80°, 60%, 60%
HSV	80°, 57%, 84%
XYZ	43.4779, 57.8821, 19.2368
YIQ	188.2460, 15.0010, -46.1110

# Conversions

## Conversions Part 2

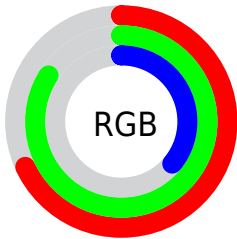
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 214, 133
Decimal	11458141
CIE <sub>Lab</sub>	80.67, -31.44, 54.45
CIE <sub>LCh</sub>	81, 62.879, 120.002
Yxy	57.8821, 0.3605, 0.4800
Android (android.graphics.Color)	4289648221 (0xFFAED65D)
YUV	188.2460, -46.9563, -12.4937
Hunter-Lab	76.0803, -31.1324, 38.2648

# Details

The Hex color **AED65D** 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 **855DD6**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **E8FF93**, and **779F27** is the 20% darker color. If you saturate the color by 10%, you get **A7D648**, and if you desaturate by 10%, it is **B5D672**.

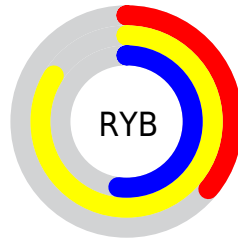
# Distribution



Red (68%)

Green (84%)

Blue (36%)



Red (36%)

Yellow (84%)

Blue (52%)

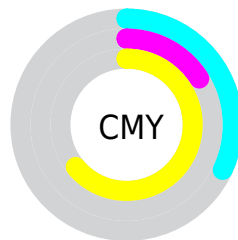


Cyan (19%)

Magenta (0%)

Yellow (57%)

Black (16%)



Cyan (32%)

Magenta (16%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AED65D 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 AED65D by changing the saturation by 10% instead.



 AED65D

 AED65D

FFFFFF

 92BA42

 E8FF93

 779F27

 FFFFAF

 5C8501

 FFFFEB

 416B00

 FFFFEB

 275300

 053B00

 002600

 000500

 000000

 AED65D

 AED65D

 A7D648

 B5D672

 A0D632

 BCD688

 99D61D

 C3D69D

 92D607

 CAD6B3

 8FD600

 D1D6C8

 D8D6DD

 E0D6F3

 E7D6FF

 EED6FF

# Harmonies

## Analogous

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



E9C54D



AED65D



5FE18B

# Triad

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



AED65D



00DDFF



FF95CB

# Complementary

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



AED65D



855DD6

# 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.



FFA2FF



AED65D



4CCFFF

# Square

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



AED65D



00E4FF



CBB9FF



FF9B91

# Rectangle

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



AED65D



00E4B2



CBB9FF



FF97DE

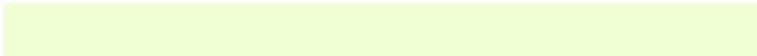


# Sweetspot

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



AED65D



F1FFD4



D6835D



778066



000000



808080



# Same Dimension

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



AED65D



C6FF52



73D65D



686B60



72AB00



1D2B00



# Inverse Universe

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



855DD6



8B52FF



C05DD6



64606B



3800AB



0E002B



# Previews

## White Background



This preview shows how the Hex color AED65D looks on a white background.

## Color Contrast Check

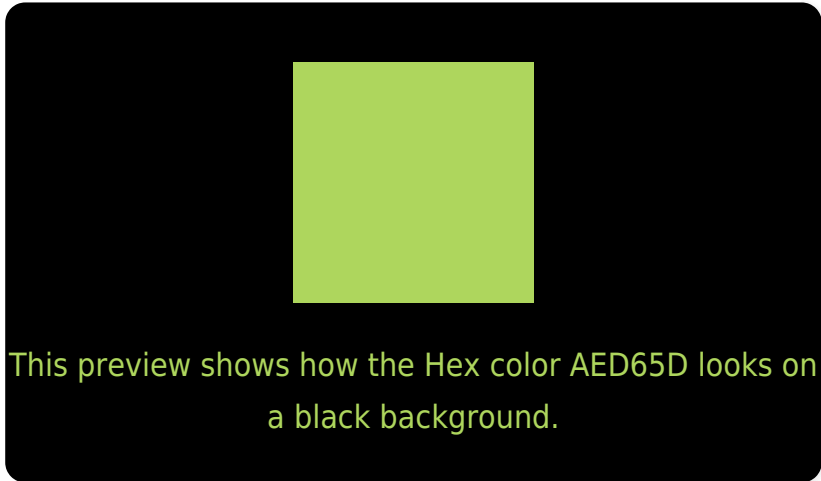
Large Text (above 18pt) WCAG AA × Fail

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 AED65D Background



This preview shows how black text looks on a background with the Hex color AED65D.

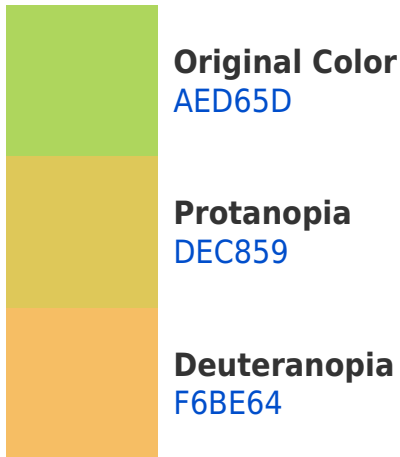


This preview shows how white text looks on a background with the Hex color AED65D.

# 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](#).

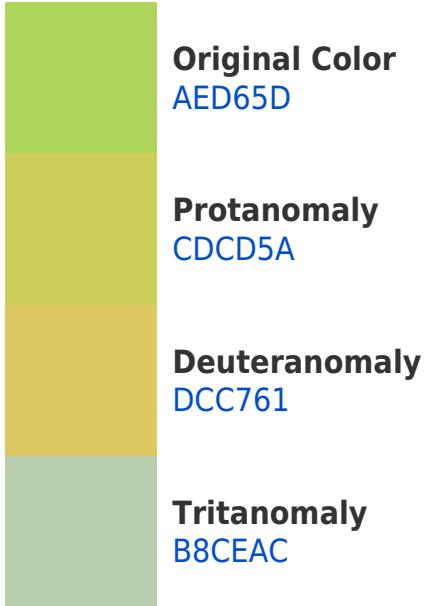
## Dichromacy



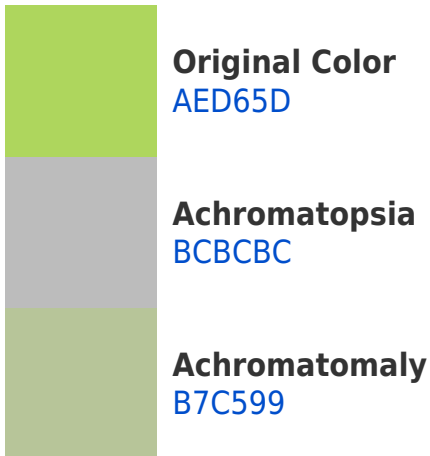


**Tritanopia**  
BDC9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AED65D 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 #AED65D looks like.

```
.text, #text, p{  
    color:#AED65D  
}
```

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 #AED65D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AED65D
}
```

## Border

The CSS property to change the border of an element to Hex AED65D 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
#AED65D }
```

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

```
.border{ border-color:#AED65D }
```

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

Here you see how a box with a 4 pixel #AED65D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AED65D; -webkit-box-shadow:4px 4px  
4px 4px #AED65D; box-shadow:4px 4px 4px  
4px #AED65D }
```

# Background

The CSS property to change the background color of an element to Hex AED65D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AED65D }
```

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

```
.background{ background-color:#AED65D }
```

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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