

# Converting Colors

Hex(A7ED62)

Have a look what the booklet for  
Hex(A7ED62) contains.

<b>Hex(A7ED62)</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(A7ED62)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A7ED62
RGB	167, 237, 98
RGB Percent	65%, 93%, 38%
CMY	0.3451, 0.0706, 0.6157
CMYK	0.30, 0.00, 0.59, 0.07
HSL	90°, 79%, 66%
HSV	90°, 59%, 93%
XYZ	48.4251, 69.6657, 22.4498
YIQ	200.2240, 2.8990, -58.0690

# Conversions

## Conversions Part 2

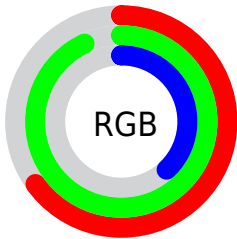
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 237, 168
Decimal	11005282
CIELab	86.83, -43.90, 59.14
CIELCh	87, 73.656, 126.585
Yxy	69.6657, 0.3446, 0.4957
Android (android.graphics.Color)	4289195362 (0xFFA7ED62)
YUV	200.2240, -50.3964, -29.1374
Hunter-Lab	83.4660, -42.5037, 42.4790

# Details

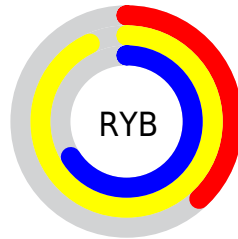
The Hex color **A7ED62** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **A862ED**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **E1FF99**, and **6EB52A** is the 20% darker color. If you saturate the color by 10%, you get **9BED4A**, and if you desaturate by 10%, it is **B3ED7A**.

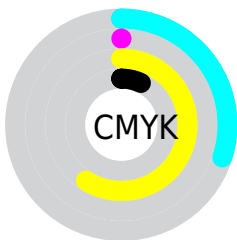
# Distribution



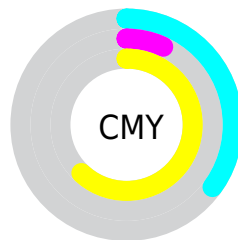
- Red (65%)
- Green (93%)
- Blue (38%)



- Red (38%)
- Yellow (93%)
- Blue (66%)



- Cyan (30%)
- Magenta (0%)
- Yellow (59%)
- Black (7%)



- Cyan (35%)
- Magenta (7%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7ED62 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 A7ED62 by changing the saturation by 10% instead.



 A7ED62

 A7ED62

FFFFFF

 8BD047

 E1FF99

 6EB52A

 FFFFB5

 529A00

 FFFFD1

 357F00

 FFFFEE

 136600

 004D00

 003500

 002000

 000000

 A7ED62

 A7ED62

 9BED4A

 B3ED7A

 8FED33

 BFED91

 83ED1B

 CBEDA9

 77ED03

 D7EDC1

 76ED00

 E3EDD8

 EFEDF0

 FBEDFF

 FFEDFF

# Harmonies

## Analogous

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



F1DB42



A7ED62



21F89F

# Triad

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



A7ED62



00EFFF



FF99CD

# Complementary

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



A7ED62



A862ED

# 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.



FFA5FF



A7ED62



66DCFF

# Square

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



A7ED62



00F9FF



F1C0FF



FFA78A

# Rectangle

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



A7ED62



00FBCF



F1C0FF



FF9AE4

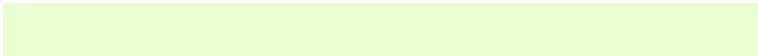


# Sweetspot

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



A7ED62



E8FFD1



EDA762



718063



000000



808080



# Same Dimension

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



A7ED62



A5FF4D



62ED62



6F756A



5AB500



1B3600



# Inverse Universe

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



A862ED



A64DFE



ED62ED



6F6A75



5B00B5

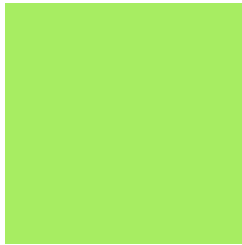


1B0036



# Previews

## White Background



This preview shows how the Hex color A7ED62 looks on a white background.

## Color Contrast Check

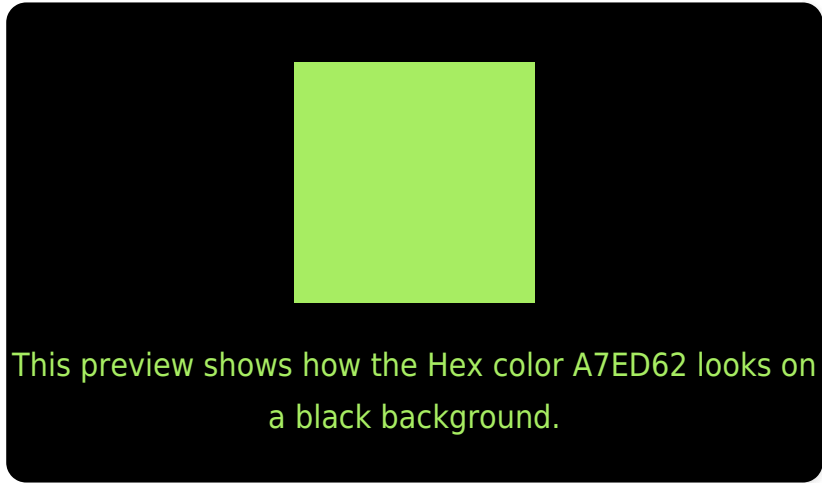
Large Text (above 18pt) WCAG AA × Fail

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 A7ED62 Background



This preview shows how black text looks on a background with the Hex color A7ED62.

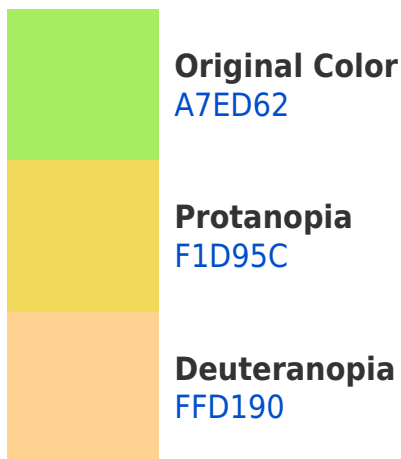


This preview shows how white text looks on a background with the Hex color A7ED62.

# 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



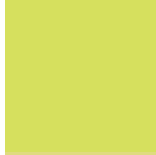


**Tritanopia**  
BBDEF0

# Trichromacy



**Original Color**  
A7ED62



**Protanomaly**  
D6E05E



**Deuteranomaly**  
DFDB7F



**Tritanomaly**  
B4E3BC

# Monochromacy



**Original Color**  
A7ED62



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
BCD5A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7ED62 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 #A7ED62 looks like.

```
.text, #text, p{  
    color:#A7ED62  
}
```

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 #A7ED62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7ED62
}
```

## Border

The CSS property to change the border of an element to Hex A7ED62 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
#A7ED62 }
```

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

```
.border{ border-color:#A7ED62 }
```

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

Here you see how a box with a 4 pixel #A7ED62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7ED62; -webkit-box-shadow:4px 4px  
4px 4px #A7ED62; box-shadow:4px 4px 4px  
4px #A7ED62 }
```

# Background

The CSS property to change the background color of an element to Hex A7ED62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7ED62 }
```

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

```
.background{ background-color:#A7ED62 }
```

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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