

# Converting Colors

Hex(A7E75E)

Have a look what the booklet for  
Hex(A7E75E) contains.

<b>Hex(A7E75E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(A7E75E)

# Conversions

## Conversions Part 1

Format	Color
Hex	A7E75E
RGB	167, 231, 94
RGB Percent	65%, 91%, 37%
CMY	0.3451, 0.0941, 0.6314
CMYK	0.28, 0.00, 0.59, 0.09
HSL	88°, 74%, 64%
HSV	88°, 59%, 91%
XYZ	46.5326, 66.1755, 20.9103
YIQ	196.2460, 5.8330, -56.1750

# Conversions

## Conversions Part 2

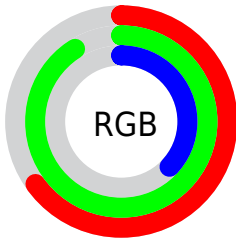
Format	Color
<b>RYB</b>	94, 231, 158
Decimal	11003742
CIELab	85.09, -41.64, 58.90
CIELCh	85, 72.131, 125.261
Yxy	66.1755, 0.3483, 0.4953
Android (android.graphics.Color)	4289193822 (0xFFA7E75E)
YUV	196.2460, -50.4073, -25.6487
Hunter-Lab	81.3483, -40.2544, 41.7035

# Details

The Hex color **A7E75E** 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 **9E5EE7**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **E1FF95**, and **6FAF25** is the 20% darker color. If you saturate the color by 10%, you get **9CE747**, and if you desaturate by 10%, it is **B2E775**.

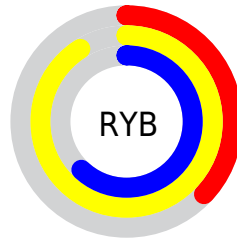
# Distribution



Red (65%)

Green (91%)

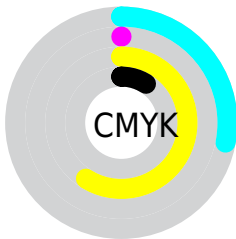
Blue (37%)



Red (37%)

Yellow (91%)

Blue (62%)

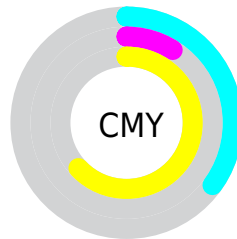


Cyan (28%)

Magenta (0%)

Yellow (59%)

Black (9%)



Cyan (35%)

Magenta (9%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7E75E 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 A7E75E by changing the saturation by 10% instead.



 A7E75E

 A7E75E

FFFFFF

 8BCB43

 E1FF95

 6FAF25

 FFFFB1

 539400

 FFFFCD

 367A00

 FFFFEA

 176100

 004800

 003100

 001A00

 000000

 A7E75E

 A7E75E

 9CE747

 B2E775

 91E730

 BDE78C

 87E719

 C7E7A3

 7CE702

 D2E7BA

 7BE700

 DDE7D2

 E8E7E9

 F3E7FF

 FDE7FF

 FFE7FF

# Harmonies

## Analogous

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



EED541



A7E75E



30F299

# Triad

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



A7E75E



00EBFF



FF96CB

# Complementary

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



A7E75E



9E5EE7

# 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



A7E75E



5BD8FF

# Square

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



A7E75E



00F4FF



E7BDFE



FFA289

# Rectangle

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



A7E75E



00F5C7



E7BDFF



FF97E2



# Sweetspot

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



A7E75E



EAFD1



E79E5E



728063



000000



808080



# Same Dimension

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



A7E75E



AAFF4A



63E75E



6D7367



5FB300



1B3300



# Inverse Universe

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



9E5EE7



9F4AFF



E25EE7



6D6773



5300B3

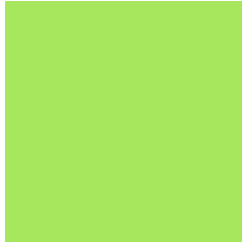


180033



# Previews

## White Background



This preview shows how the Hex color A7E75E looks on a white background.

## Color Contrast Check

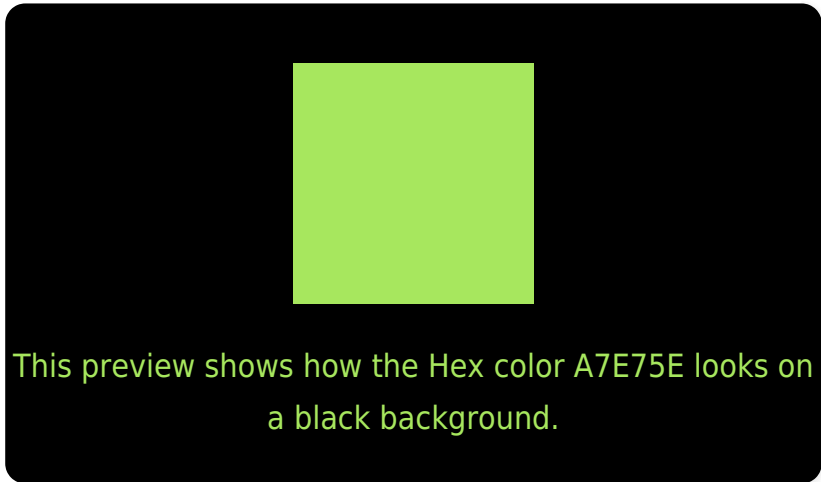
Large Text (above 18pt) WCAG AA × Fail

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 A7E75E Background



This preview shows how black text looks on a background with the Hex color A7E75E.

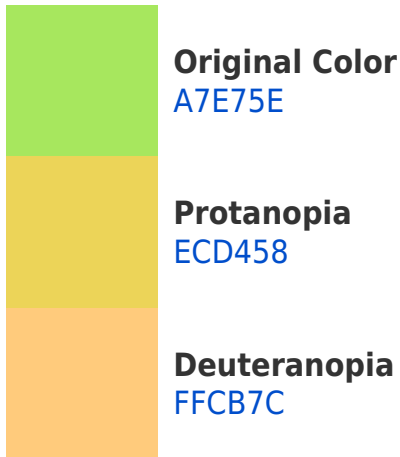


This preview shows how white text looks on a background with the Hex color A7E75E.

# 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



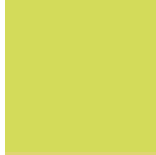


**Tritanopia**  
BAD9EA

# Trichromacy



**Original Color**  
A7E75E



**Protanomaly**  
D3DB5A



**Deuteranomaly**  
DFD571



**Tritanomaly**  
B3DEB7

# Monochromacy



**Original Color**  
A7E75E



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
B9D19F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7E75E 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 #A7E75E looks like.

```
.text, #text, p{  
    color:#A7E75E  
}
```

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 #A7E75E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7E75E
}
```

## Border

The CSS property to change the border of an element to Hex A7E75E 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
#A7E75E }
```

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

```
.border{ border-color:#A7E75E }
```

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

Here you see how a box with a 4 pixel #A7E75E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7E75E; -webkit-box-shadow:4px 4px  
4px 4px #A7E75E; box-shadow:4px 4px 4px  
4px #A7E75E }
```

# Background

The CSS property to change the background color of an element to Hex A7E75E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7E75E }
```

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

```
.background{ background-color:#A7E75E }
```

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