

Converting Colors

Hex(A7ED77)

Have a look what the booklet for
Hex(A7ED77) contains.

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Color

Hex(A7ED77)

Conversions

Conversions Part 1

Format	Color
Hex	A7ED77
RGB	167, 237, 119
RGB Percent	65%, 93%, 47%
CMY	0.3451, 0.0706, 0.5333
CMYK	0.30, 0.00, 0.50, 0.07
HSL	96°, 77%, 70%
HSV	96°, 50%, 93%
XYZ	49.5503, 70.1158, 28.3749
YIQ	202.6180, -3.8420, -51.5380

Conversions

Conversions Part 2

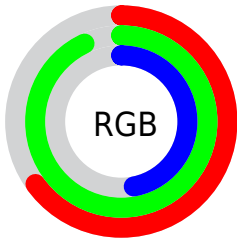
Format	Color
RYB	119, 237, 189
Decimal	11005303
CIELab	87.05, -41.78, 49.93
CIELCh	87, 65.107, 129.923
Yxy	70.1158, 0.3347, 0.4736
Android (android.graphics.Color)	4289195383 (0xFFA7ED77)
YUV	202.6180, -41.2237, -31.2370
Hunter-Lab	83.7352, -40.9091, 38.5233

Details

The Hex color **A7ED77** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BD77ED**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **E1FFAD**, and **6FB542** is the 20% darker color. If you saturate the color by 10%, you get **99ED5F**, and if you desaturate by 10%, it is **B5ED8F**.

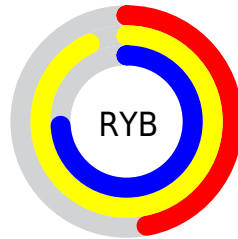
Distribution



Red (65%)

Green (93%)

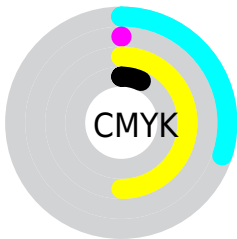
Blue (47%)



Red (47%)

Yellow (93%)

Blue (74%)

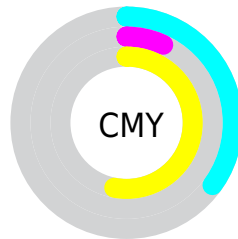


Cyan (30%)

Magenta (0%)

Yellow (50%)

Black (7%)



Cyan (35%)

Magenta (7%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7ED77 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 A7ED77 by changing the saturation by 10% instead.

 A7ED77

 A7ED77

FFFFFF

 8BD15D

 E1FFAD

 6FB542

 FEFFCA

 549A28

 FFFFE6

 387F05

 186600

 004D00

 003500

 002000

 000000

 A7ED77

 A7ED77

 99ED5F

 B5ED8F

 8BED48

 C3EDA6

 7DED30

 D1EDBE

 6FED18

 DFEDD6

 61ED00

 EDEDED

 60ED00

 FBEDFF

 FFEDFF

Harmonies

Analogous

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



EADD5A



A7ED77



41F6AD

Triad

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



A7ED77



00ECFF



FFA4C8

Complementary

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



A7ED77



BD77ED

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.



FFABFF



A7ED77



93DAFF

Square

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



A7ED77



00F6FF



F9C1FF



FFB18E

Rectangle

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



A7ED77



00F9D8



F9C1FF



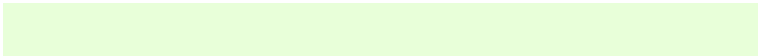
FFA4DD

Sweetspot

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



A7ED77



E8FFD9



EDBC77



728069



000000



808080

Same Dimension

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



A7ED77



A4FF66



77ED81



6E756A



4AB500



163600

Inverse Universe

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



BD77ED



C166FF



ED77E3



716A75



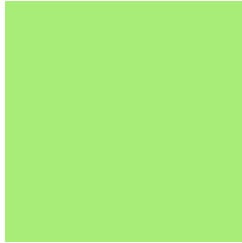
6B00B5



200036

Previews

White Background



This preview shows how the Hex color A7ED77 looks on a white background.

Color Contrast Check

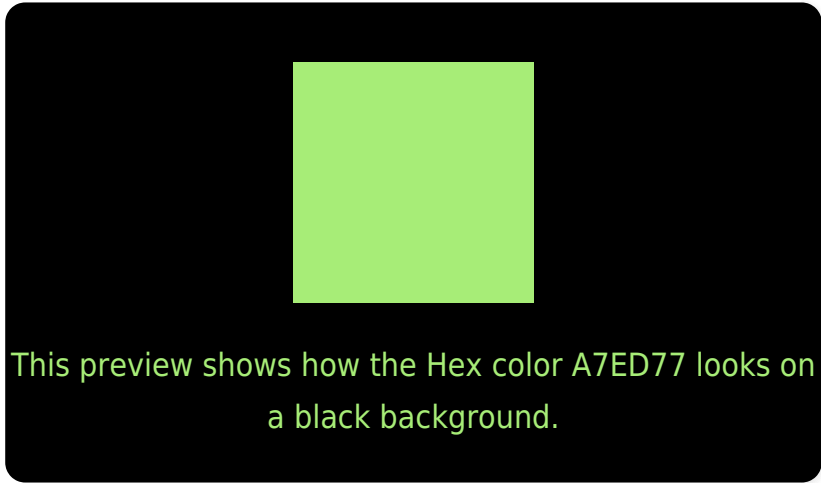
Large Text (above 18pt) WCAG AA × Fail

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 A7ED77 Background



This preview shows how black text looks on a background with the Hex color A7ED77.

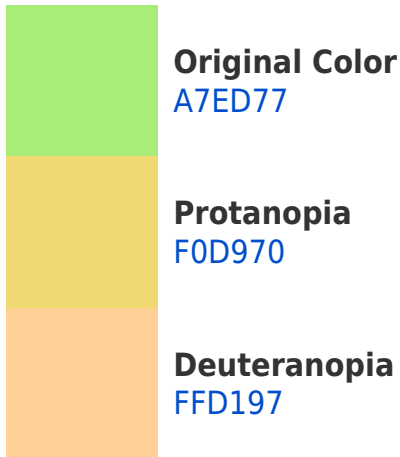


This preview shows how white text looks on a background with the Hex color A7ED77.

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

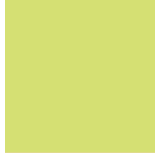


Trichromacy



Original Color

A7ED77



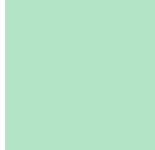
Protanomaly

D5E073



Deuteranomaly

DFDB8B



Tritanomaly

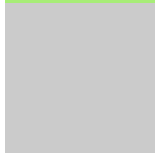
B3E4C5

Monochromacy



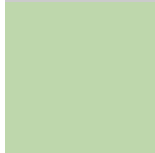
Original Color

A7ED77



Achromatopsia

CBCBCB



Achromatomaly

BED7AC

CSS Examples

Text

The CSS property to change the color of the text to Hex A7ED77 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 #A7ED77 looks like.

```
.text, #text, p{  
    color:#A7ED77  
}
```

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 #A7ED77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7ED77
}
```

Border

The CSS property to change the border of an element to Hex A7ED77 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
#A7ED77 }
```

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

```
.border{ border-color:#A7ED77 }
```

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

Here you see how a box with a 4 pixel #A7ED77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7ED77; -webkit-box-shadow:4px 4px  
4px 4px #A7ED77; box-shadow:4px 4px 4px  
4px #A7ED77 }
```

Background

The CSS property to change the background color of an element to Hex A7ED77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7ED77 }
```

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

```
.background{ background-color:#A7ED77 }
```

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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