

Converting Colors

Hex(A7EB55)

Have a look what the booklet for
Hex(A7EB55) contains.

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Color

Hex(A7EB55)

Conversions

Conversions Part 1

Format	Color
Hex	A7EB55
RGB	167, 235, 85
RGB Percent	65%, 92%, 33%
CMY	0.3451, 0.0784, 0.6667
CMYK	0.29, 0.00, 0.64, 0.08
HSL	87°, 79%, 63%
HSV	87°, 64%, 92%
XYZ	47.2844, 68.2880, 19.2831
YIQ	197.5680, 7.6220, -61.0660

Conversions

Conversions Part 2

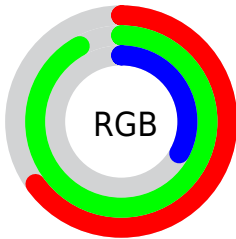
Format	Color
RYB	85, 235, 153
Decimal	11004757
CIELab	86.15, -44.12, 63.81
CIELCh	86, 77.575, 124.662
Yxy	68.2880, 0.3506, 0.5064
Android (android.graphics.Color)	4289194837 (0xFFA7EB55)
YUV	197.5680, -55.4960, -26.8081
Hunter-Lab	82.6366, -42.4769, 44.0104

Details

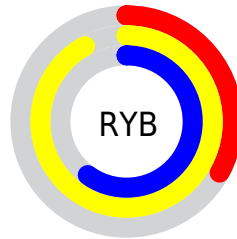
The Hex color **A7EB55** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **9955EB**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **E1FF8D**, and **6EB316** is the 20% darker color. If you saturate the color by 10%, you get **9CEB3D**, and if you desaturate by 10%, it is **B2EB6D**.

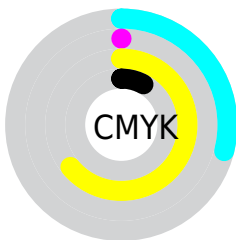
Distribution



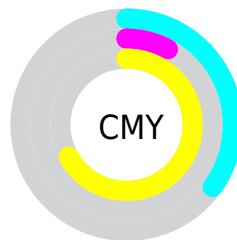
- Red (65%)
- Green (92%)
- Blue (33%)



- Red (33%)
- Yellow (92%)
- Blue (60%)



- Cyan (29%)
- Magenta (0%)
- Yellow (64%)
- Black (8%)



- Cyan (35%)
- Magenta (8%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7EB55 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 A7EB55 by changing the saturation by 10% instead.

 A7EB55

 A7EB55

FFFFFF

 8ACF38

 E1FF8D

 6EB316

 FFFFA9

 529800

 FFFFC5

 347D00

 FFFFE2

 116400

 004B00

 003400

 001E00

 000000

 A7EB55

 A7EB55

 9CEB3D

 B2EB6D

 92EB26

 BCEB84

 87EB0E

 C7EB9B

 80EB00

 D2EBB3

 DCEBCB

 E7EBE2

 F2EBFA

 FCEBFF

 FFE BFF

Harmonies

Analogous

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



F3D834



A7EB55



07F695

Triad

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



A7EB55



00F0FF



FF92CF

Complementary

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



A7EB55



9955EB

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.



FFA0FF



A7EB55



39DCFF

Square

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



A7EB55



00F9FF



E9BFFF



FFA088

Rectangle

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



A7EB55



00FAC7



E9BFFF



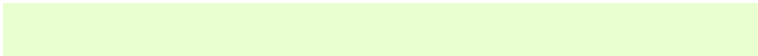
FF94E8

Sweetspot

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



A7EB55



E9FFCF



EB9955



728062



000000



808080

Same Dimension

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



A7EB55



A6FF3B



5CEB55



70756A



63B500



1D3600

Inverse Universe

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



9955EB



943BFF



E355EB



6F6A75



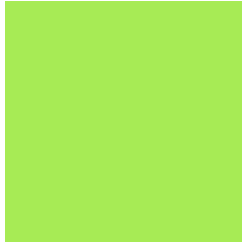
5200B5



180036

Previews

White Background



This preview shows how the Hex color A7EB55 looks on a white background.

Color Contrast Check

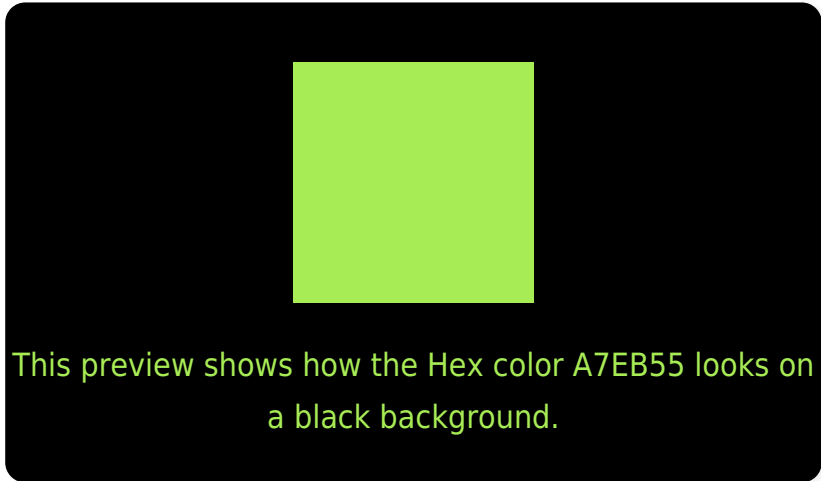
Large Text (above 18pt) WCAG AA × Fail

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 A7EB55 Background



This preview shows how black text looks on a background with the Hex color A7EB55.

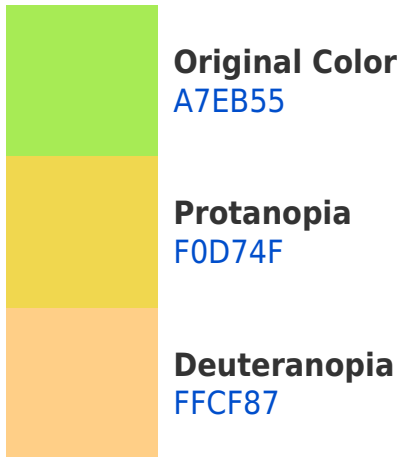


This preview shows how white text looks on a background with the Hex color A7EB55.

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](#).

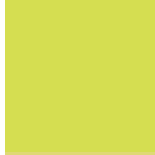
Dichromacy



Trichromacy



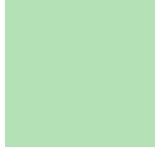
Original Color
A7EB55



Protanomaly
D5DE51



Deuteranomaly
DFD975

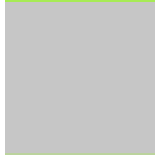


Tritanomaly
B4E1B6

Monochromacy



Original Color
A7EB55



Achromatopsia
C6C6C6



Achromatomaly
BBD39D

CSS Examples

Text

The CSS property to change the color of the text to Hex A7EB55 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 #A7EB55 looks like.

```
.text, #text, p{  
    color:#A7EB55  
}
```

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 #A7EB55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7EB55
}
```

Border

The CSS property to change the border of an element to Hex A7EB55 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
#A7EB55 }
```

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

```
.border{ border-color:#A7EB55 }
```

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

Here you see how a box with a 4 pixel #A7EB55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7EB55; -webkit-box-shadow:4px 4px  
4px 4px #A7EB55; box-shadow:4px 4px 4px  
4px #A7EB55 }
```

Background

The CSS property to change the background color of an element to Hex A7EB55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7EB55 }
```

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

```
.background{ background-color:#A7EB55 }
```

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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