

Converting Colors

Hex(A7EE78)

Have a look what the booklet for
Hex(A7EE78) contains.

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Color

Hex(A7EE78)

Conversions

Conversions Part 1

Format	Color
Hex	A7EE78
RGB	167, 238, 120
RGB Percent	65%, 93%, 47%
CMY	0.3451, 0.0667, 0.5294
CMYK	0.30, 0.00, 0.50, 0.07
HSL	96°, 78%, 70%
HSV	96°, 50%, 93%
XYZ	49.9011, 70.7206, 28.7897
YIQ	203.3190, -4.4380, -51.7500

Conversions

Conversions Part 2

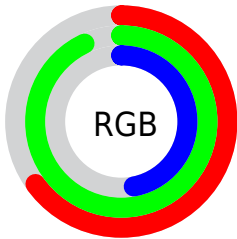
Format	Color
RYB	120, 238, 191
Decimal	11005560
CIELab	87.35, -42.11, 49.82
CIElCh	87, 65.232, 130.205
Yxy	70.7206, 0.3340, 0.4733
Android (android.graphics.Color)	4289195640 (0xFFA7EE78)
YUV	203.3190, -41.0763, -31.8518
Hunter-Lab	84.0956, -41.2480, 38.5693

Details

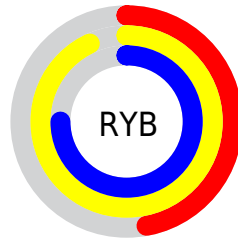
The Hex color **A7EE78** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BF78EE**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **E1FFAE**, and **6FB643** is the 20% darker color. If you saturate the color by 10%, you get **99EE60**, and if you desaturate by 10%, it is **B5EE90**.

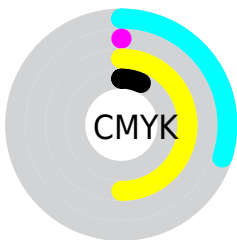
Distribution



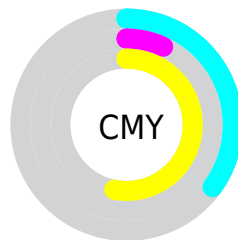
- Red (65%)
- Green (93%)
- Blue (47%)



- Red (47%)
- Yellow (93%)
- Blue (75%)



- Cyan (30%)
- Magenta (0%)
- Yellow (50%)
- Black (7%)



- Cyan (35%)
- Magenta (7%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7EE78 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 A7EE78 by changing the saturation by 10% instead.

 A7EE78

 A7EE78

FFFFFF

 8BD15E

 E1FFAE

 6FB643

 FEFFCB

 549A29

 FFFFE7


 388007

 176600

 004E00

 003600

 002100

 000000

 A7EE78

 A7EE78

 99EE60

 B5EE90

 8AEE48

 C4EEA8

 7CEE31

 D2EEBF

 6EEE19

 E0EED7

 5FEE01

 EFEEEF

 5FEE00

 FDEEFF

 FFEEFF

Harmonies

Analogous

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



EADE5A



A7EE78



40F7AF

Triad

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



A7EE78



00EDFF



FFA5C8

Complementary

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



A7EE78



BF78EE

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.



FFACFF



A7EE78



95DAFF

Square

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



A7EE78



00F7FF



FBC2FF



FFB28E

Rectangle

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



A7EE78



00FAD9



FBC2FF



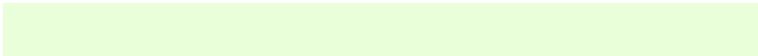
FFA5DD

Sweetspot

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



A7EE78



E8FFD9



EEBF78



728069



000000



808080

Same Dimension

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



A7EE78



A4FF69



78EE84



71786C



49B800



163800

Inverse Universe

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



BF78EE



C369FF



EE78E2



736C78



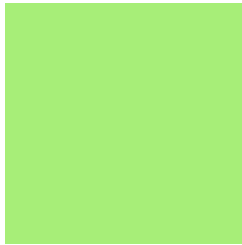
6E00B8



220038

Previews

White Background



This preview shows how the Hex color A7EE78 looks on a white background.

Color Contrast Check

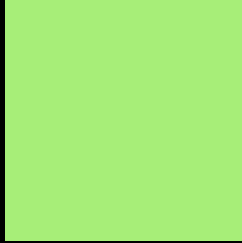
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color A7EE78 looks on a 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 A7EE78 Background



This preview shows how black text looks on a background with the Hex color A7EE78.

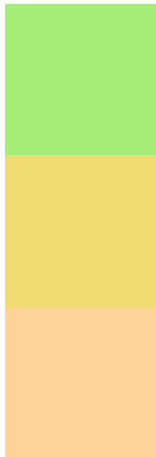


This preview shows how white text looks on a background with the Hex color A7EE78.

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



Original Color
A7EE78

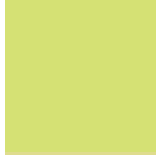
Protanopia
F0DA71

Deuteranopia
FFD29A

Trichromacy



Original Color
A7EE78



Protanomaly
D5E174



Deuteranomaly
DFDC8E



Tritanomaly
B3E5C6

Monochromacy



Original Color
A7EE78



Achromatopsia
CBCBCB



Achromatomaly
BED8AD

CSS Examples

Text

The CSS property to change the color of the text to Hex A7EE78 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 #A7EE78 looks like.

```
.text, #text, p{  
    color:#A7EE78  
}
```

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 #A7EE78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7EE78
}
```

Border

The CSS property to change the border of an element to Hex A7EE78 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
#A7EE78 }
```

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

```
.border{ border-color:#A7EE78 }
```

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

Here you see how a box with a 4 pixel #A7EE78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7EE78; -webkit-box-shadow:4px 4px  
4px 4px #A7EE78; box-shadow:4px 4px 4px  
4px #A7EE78 }
```

Background

The CSS property to change the background color of an element to Hex A7EE78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7EE78 }
```

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

```
.background{ background-color:#A7EE78 }
```

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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