

Converting Colors

Hex(A7EC79)

Have a look what the booklet for
Hex(A7EC79) contains.

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Color

Hex(A7EC79)

Conversions

Conversions Part 1

Format	Color
Hex	A7EC79
RGB	167, 236, 121
RGB Percent	65%, 93%, 47%
CMY	0.3451, 0.0745, 0.5255
CMYK	0.29, 0.00, 0.49, 0.07
HSL	96°, 75%, 70%
HSV	96°, 49%, 93%
XYZ	49.3830, 69.5869, 28.9180
YIQ	202.2590, -4.2090, -50.3930

Conversions

Conversions Part 2

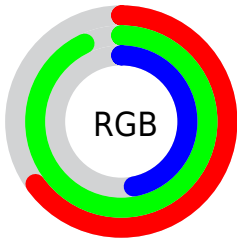
Format	Color
RYB	121, 236, 190
Decimal	11005049
CIELab	86.79, -41.12, 48.67
CIElCh	87, 63.715, 130.190
Yxy	69.5869, 0.3339, 0.4705
Android (android.graphics.Color)	4289195129 (0xFFA7EC79)
YUV	202.2590, -40.0607, -30.9221
Hunter-Lab	83.4187, -40.3127, 37.8396

Details

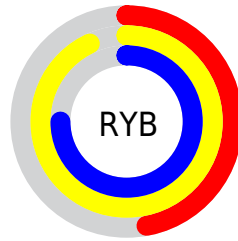
The Hex color **A7EC79** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BE79EC**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **E0FFAF**, and **6FB445** is the 20% darker color. If you saturate the color by 10%, you get **99EC61**, and if you desaturate by 10%, it is **B5EC91**.

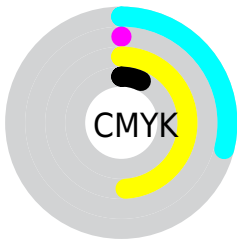
Distribution



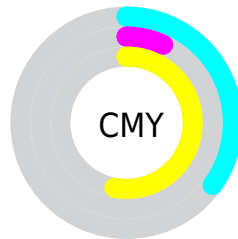
- Red (65%)
- Green (93%)
- Blue (47%)



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



- Cyan (29%)
- Magenta (0%)
- Yellow (49%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color A7EC79 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 A7EC79 by changing the saturation by 10% instead.

 A7EC79

FFFFFF

 E0FFAF

 FEFFCB

 FFFFE8

 A7EC79

 8BD05F

 6FB445

 54992A

 387E0B

 196500

 004C00

 003500

 002000

 000000

 A7EC79

 A7EC79

 99EC61

 B5EC91

 8BEC4A

 C3ECA8

 7DEC32

 D1ECC0

 6EEC1B

 E0ECD7

 60EC03

 EEECEF

 5EEC00

 FCECFF

 FFECFF

Harmonies

Analogous

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



E9DD5C



A7EC79



45F5AE

Triad

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



A7EC79



00EBFF



FFA5C7

Complementary

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



A7EC79



BE79EC

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



A7EC79



96D9FF

Square

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



A7EC79



00F5FF



F9C1FF



FFB28E

Rectangle

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



A7EC79



00F8D8



F9C1FF



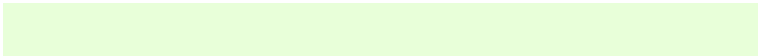
FFA5DB

Sweetspot

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



A7EC79



E8FFD9



ECBE79



728069



000000



808080

Same Dimension

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



A7EC79



A6FF6B



79EC84



6E756A



48B500



153600

Inverse Universe

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



BE79EC



C46BFF



EC79E1



716A75



6D00B5



200036

Previews

White Background



This preview shows how the Hex color A7EC79 looks on a white background.

Color Contrast Check

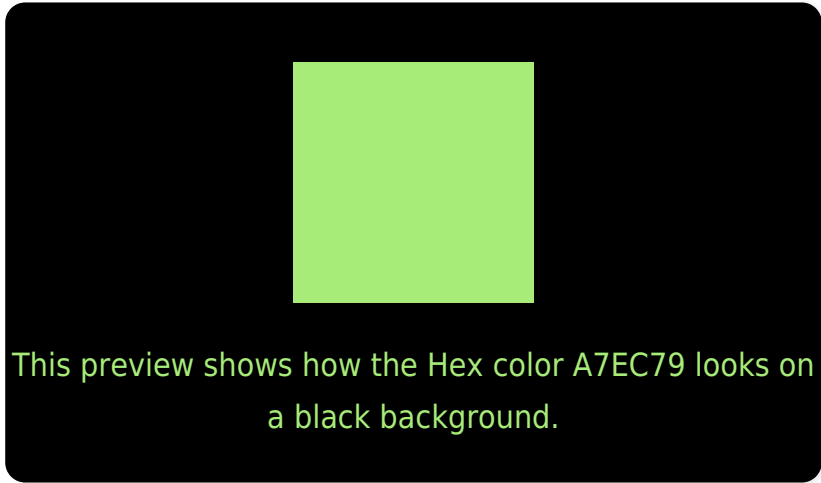
Large Text (above 18pt) WCAG AA × Fail

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 A7EC79 Background



This preview shows how black text looks on a background with the Hex color A7EC79.

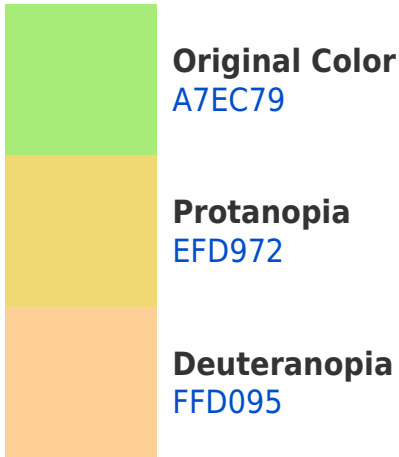


This preview shows how white text looks on a background with the Hex color A7EC79.

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
B9DFF0

Trichromacy



Original Color
A7EC79



Protanomaly
D5E075



Deuteranomaly
DFDA8B

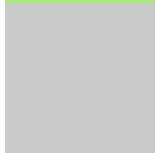


Tritanomaly
B2E4C5

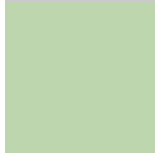
Monochromacy



Original Color
A7EC79



Achromatopsia
CACACA



Achromatomaly
BDD6AD

CSS Examples

Text

The CSS property to change the color of the text to Hex A7EC79 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 #A7EC79 looks like.

```
.text, #text, p{  
    color:#A7EC79  
}
```

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 #A7EC79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7EC79
}
```

Border

The CSS property to change the border of an element to Hex A7EC79 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
#A7EC79 }
```

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

```
.border{ border-color:#A7EC79 }
```

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

Here you see how a box with a 4 pixel #A7EC79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7EC79; -webkit-box-shadow:4px 4px  
4px 4px #A7EC79; box-shadow:4px 4px 4px  
4px #A7EC79 }
```

Background

The CSS property to change the background color of an element to Hex A7EC79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7EC79 }
```

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

```
.background{ background-color:#A7EC79 }
```

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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