

Converting Colors

Hex(A6ED8E)

Have a look what the booklet for
Hex(A6ED8E) contains.

Hex(A6ED8E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A6ED8E)

Conversions

Conversions Part 1

Format	Color
Hex	A6ED8E
RGB	166, 237, 142
RGB Percent	65%, 93%, 56%
CMY	0.3490, 0.0706, 0.4431
CMYK	0.30, 0.00, 0.40, 0.07
HSL	105°, 73%, 74%
HSV	105°, 40%, 93%
XYZ	50.8926, 70.6284, 36.5415
YIQ	204.9410, -11.8210, -44.5970

Conversions

Conversions Part 2

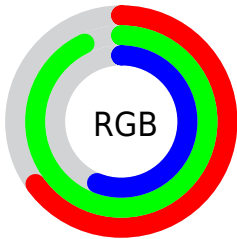
Format	Color
RYB	142, 237, 213
Decimal	10939790
CIELab	87.30, -39.26, 39.12
CIELCh	87, 55.427, 135.100
Yxy	70.6284, 0.3220, 0.4468
Android (android.graphics.Color)	4289129870 (0xFFA6ED8E)
YUV	204.9410, -31.0299, -34.1513
Hunter-Lab	84.0407, -38.9769, 33.0487

Details

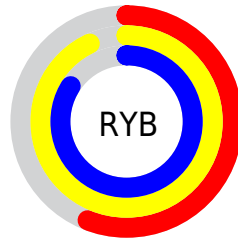
The Hex color **A6ED8E** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D58EED**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **DFFFC5**, and **6FB55A** is the 20% darker color. If you saturate the color by 10%, you get **94ED76**, and if you desaturate by 10%, it is **B8EDA6**.

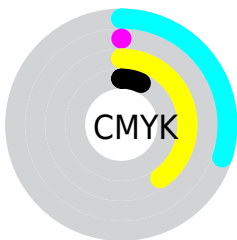
Distribution



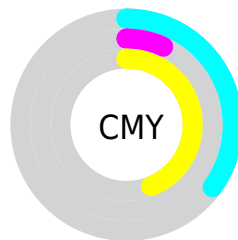
- Red (65%)
- Green (93%)
- Blue (56%)



- Red (56%)
- Yellow (93%)
- Blue (84%)



- Cyan (30%)
- Magenta (0%)
- Yellow (40%)
- Black (7%)



- Cyan (35%)
- Magenta (7%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6ED8E 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 A6ED8E by changing the saturation by 10% instead.

 A6ED8E

 A6ED8E

FFFFFF

 8AD174

 DFFFC5

 6FB55A

 FCFFE1

 549A41

FFFFFFE

 397F28

 1B660E

 004D00

 003500

 002100

 000000

 A6ED8E

 A6ED8E

 94ED76

 B8EDA6

 83ED5F

 C9EDBD

 71ED47

 DBEDD5

 5FED2F

 EDEDED

 4DED18

 FFEDFF

 3CED00

Harmonies

Analogous

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



E1E072



A6ED8E



58F4BE

Triad

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



A6ED8E



3BE8FF



FFB0C2

Complementary

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



A6ED8E



D58EED

Split Complementary

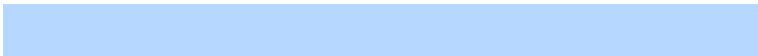
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB3F7



A6ED8E



B6D7FF

Square

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



A6ED8E



00F2FF



FFC3FF



FFBC92

Rectangle

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



A6ED8E



00F6E2



FFC3FF



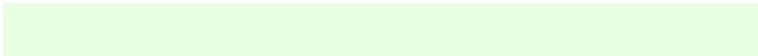
FFAFD4

Sweetspot

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



A6ED8E



E8FFE0



EDD48E



72806E



000000



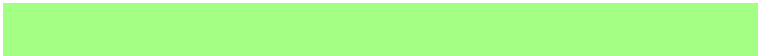
808080

Same Dimension

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



A6ED8E



A4FF85



8EEDA4



6D756A



2EB500



0E3600

Inverse Universe

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



D58EED



E085FF



ED8ED7



726A75



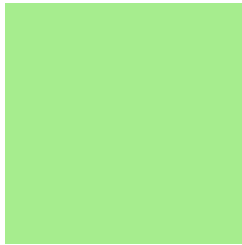
8700B5



280036

Previews

White Background



This preview shows how the Hex color A6ED8E looks on a white background.

Color Contrast Check

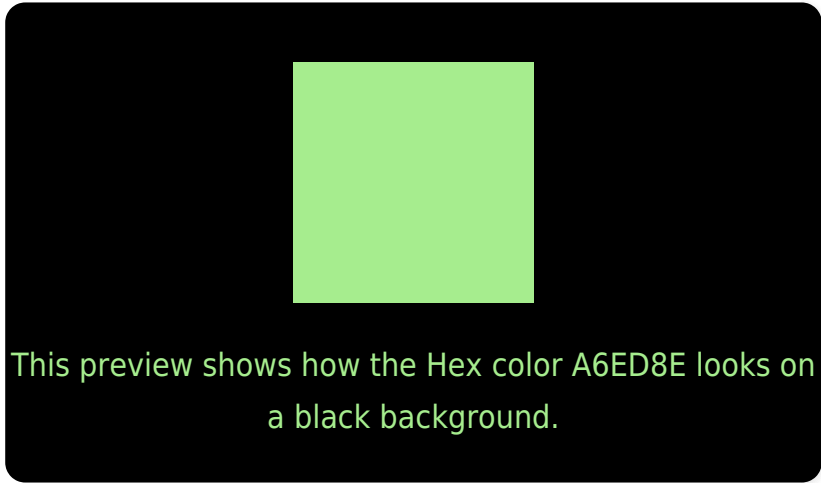
Large Text (above 18pt) WCAG AA × Fail

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

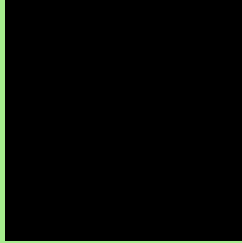
Any Text WCAG AA ✓ Pass

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 A6ED8E Background



This preview shows how black text looks on a background with the Hex color A6ED8E.

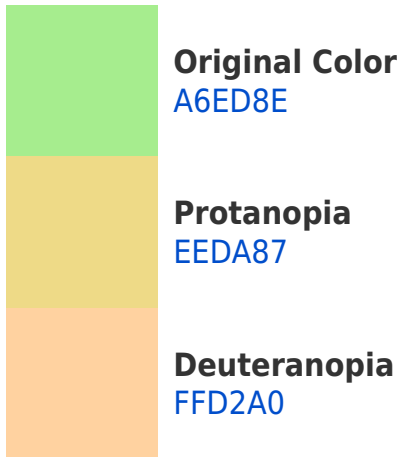


This preview shows how white text looks on a background with the Hex color A6ED8E.

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
B7E1F3

Trichromacy



Original Color
A6ED8E



Protanomaly
D4E18A



Deuteranomaly
DFDC99

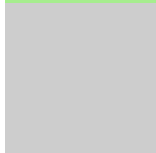


Tritanomaly
B1E5CE

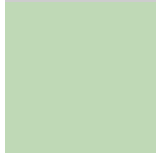
Monochromacy



Original Color
A6ED8E



Achromatopsia
CDCDCD



Achromatomaly
BFD9B6

CSS Examples

Text

The CSS property to change the color of the text to Hex A6ED8E 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 #A6ED8E looks like.

```
.text, #text, p{  
    color:#A6ED8E  
}
```

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 #A6ED8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6ED8E
}
```

Border

The CSS property to change the border of an element to Hex A6ED8E 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
#A6ED8E }
```

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

```
.border{ border-color:#A6ED8E }
```

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

Here you see how a box with a 4 pixel #A6ED8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6ED8E; -webkit-box-shadow:4px 4px  
4px 4px #A6ED8E; box-shadow:4px 4px 4px  
4px #A6ED8E }
```

Background

The CSS property to change the background color of an element to Hex A6ED8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6ED8E }
```

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

```
.background{ background-color:#A6ED8E }
```

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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