

Converting Colors

Hex(A6E17B)

Have a look what the booklet for
Hex(A6E17B) contains.

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Color

Hex(A6E17B)

Conversions

Conversions Part 1

Format	Color
Hex	A6E17B
RGB	166, 225, 123
RGB Percent	65%, 88%, 48%
CMY	0.3490, 0.1176, 0.5176
CMYK	0.26, 0.00, 0.45, 0.12
HSL	95°, 63%, 68%
HSV	95°, 45%, 88%
XYZ	46.2262, 63.3875, 28.5375
YIQ	195.7310, -2.4220, -44.2300

Conversions

Conversions Part 2

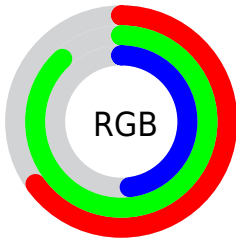
Format	Color
RYB	123, 225, 182
Decimal	10936699
CIELab	83.65, -36.30, 43.81
CIELCh	84, 56.897, 129.645
Yxy	63.3875, 0.3346, 0.4588
Android (android.graphics.Color)	4289126779 (0xFFA6E17B)
YUV	195.7310, -35.8564, -26.0741
Hunter-Lab	79.6163, -35.6890, 34.4796

Details

The Hex color **A6E17B** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B67BE1**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **DFFFB1**, and **6FA947** is the 20% darker color. If you saturate the color by 10%, you get **99E165**, and if you desaturate by 10%, it is **B3E192**.

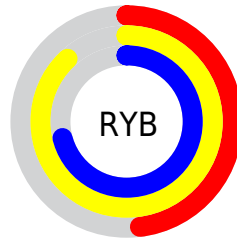
Distribution



Red (65%)

Green (88%)

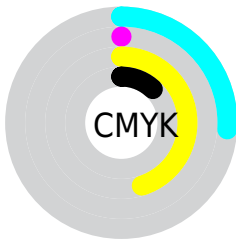
Blue (48%)



Red (48%)

Yellow (88%)

Blue (71%)

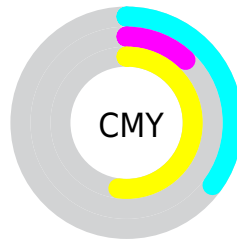


Cyan (26%)

Magenta (0%)

Yellow (45%)

Black (12%)



Cyan (35%)

Magenta (12%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6E17B 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 A6E17B by changing the saturation by 10% instead.

 A6E17B

FFFFFF

 DFFFB1

 FCFFCD

 FFFFEA

 A6E17B

 8AC561

 6FA947

 558F2E

 3A7513

 1E5C00

 004300

 002D00

 001500

 000000

 A6E17B

 A6E17B

 99E165

 B3E192

 8CE14E

 C0E1A8

 7FE138

 CDE1BF

 72E121

 DAE1D5

 65E10B

 E7E1EB

 5FE100

 F4E1FF

 FFE1FF

Harmonies

Analogous

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



E0D363



A6E17B



59E9A9

Triad

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



A6E17B



00E0FF



FFA4C1

Complementary

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



A6E17B



B67BE1

Split Complementary

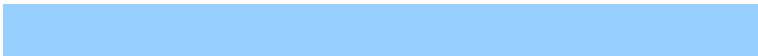
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFAAF7



A6E17B



97D0FF

Square

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



A6E17B



00E9FF



ECBCFF



FFAE8F

Rectangle

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



A6E17B



00ECCE



ECBCFF



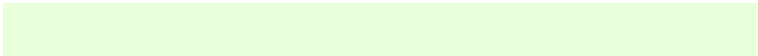
FFA4D3

Sweetspot

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



A6E17B



E AFFDB



E1B57B



73806A



000000



808080

Same Dimension

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



A6E17B



AFFF75



7BE182



6A7065



4AB000



143000

Inverse Universe

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



B67BE1



C575FF



E17BDA



6B6570



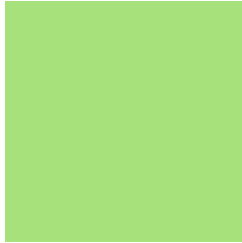
6600B0



1C0030

Previews

White Background



This preview shows how the Hex color A6E17B 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 A6E17B 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 A6E17B Background



This preview shows how black text looks on a background with the Hex color A6E17B.

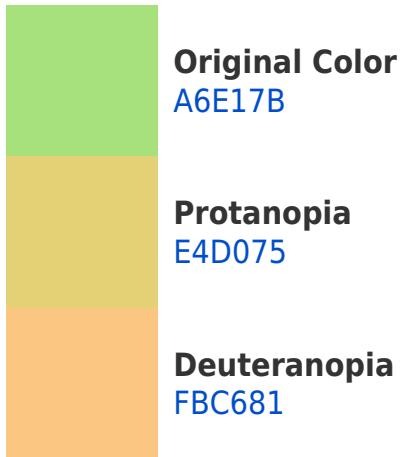


This preview shows how white text looks on a background with the Hex color A6E17B.

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](#).

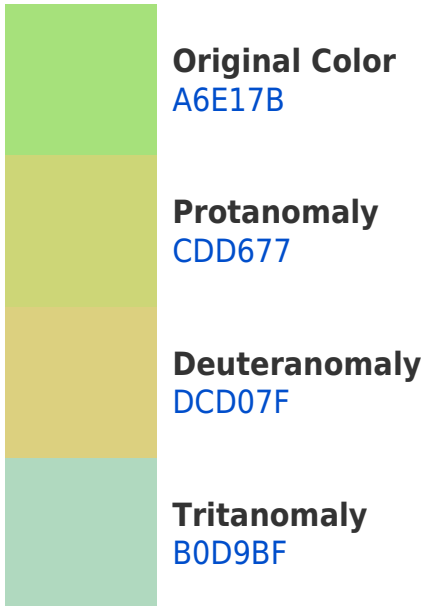
Dichromacy



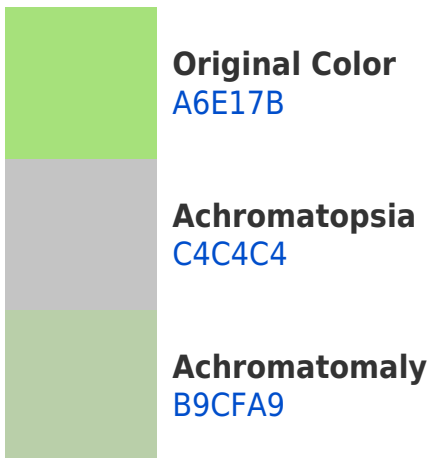


Tritanopia
B6D5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6E17B 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 #A6E17B looks like.

```
.text, #text, p{  
    color:#A6E17B  
}
```

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 #A6E17B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6E17B
}
```

Border

The CSS property to change the border of an element to Hex A6E17B 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
#A6E17B }
```

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

```
.border{ border-color:#A6E17B }
```

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

Here you see how a box with a 4 pixel #A6E17B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6E17B; -webkit-box-shadow:4px 4px  
4px 4px #A6E17B; box-shadow:4px 4px 4px  
4px #A6E17B }
```

Background

The CSS property to change the background color of an element to Hex A6E17B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6E17B }
```

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

```
.background{ background-color:#A6E17B }
```

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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