

Converting Colors

Hex(A6CF7A)

Have a look what the booklet for
Hex(A6CF7A) contains.

| | |
|--|----|
| Hex(A6CF7A) | 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(A6CF7A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A6CF7A |
| RGB | 166, 207, 122 |
| RGB Percent | 65%, 81%, 48% |
| CMY | 0.3490, 0.1882, 0.5216 |
| CMYK | 0.20, 0.00, 0.41, 0.19 |
| HSL | 89°, 47%, 65% |
| HSV | 89°, 41%, 81% |
| XYZ | 41.5516, 54.1378, 26.6720 |
| YIQ | 185.0510, 2.8490, -35.1270 |

Conversions

Conversions Part 2

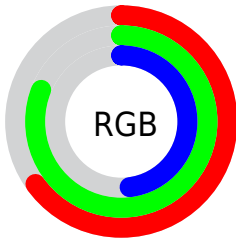
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 122, 207, 163 |
| Decimal | 10932090 |
| CIELab | 78.54, -28.03, 37.86 |
| CIELCh | 79, 47.110, 126.513 |
| Yxy | 54.1378, 0.3396, 0.4424 |
| Android (android.graphics.Color) | 4289122170 (0xFFA6CF7A) |
| YUV | 185.0510, -31.0841, -16.7077 |
| Hunter-Lab | 73.5784, -27.9587, 30.0124 |

Details

The Hex color **A6CF7A** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A37ACF**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **DEFFB0**, and **709847** is the 20% darker color. If you saturate the color by 10%, you get **9CCF65**, and if you desaturate by 10%, it is **B0CF8F**.

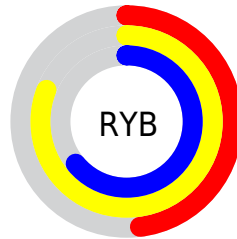
Distribution



Red (65%)

Green (81%)

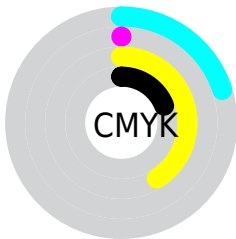
Blue (48%)



Red (48%)

Yellow (81%)

Blue (64%)

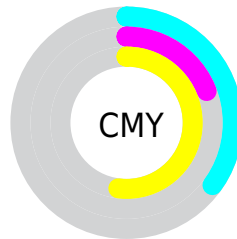


Cyan (20%)

Magenta (0%)

Yellow (41%)

Black (19%)



Cyan (35%)

Magenta (19%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6CF7A 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 A6CF7A by changing the saturation by 10% instead.



A6CF7A



A6CF7A

FFFFFF



8BB360



DEFFB0



709847



FBFFCB



567E2F



FFFFE8



3D6516



244D00



0A3600



002200



000000



A6CF7A



A6CF7A

 9CCF65

 B0CF8F

 92CF51

 BACFA3

 88CF3C

 C4CFB8

 7ECF27

 CECFCD

 74CF12

 D8CFE2

 6BCF00

 E2CFF6

 ECCFFF

 F6CFFF

 FFCFFF

Harmonies

Analogous

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



D5C36A



A6CF7A



6ED79E

Triad

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



A6CF7A



27D0FF



FF9FBA

Complementary

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



A6CF7A



A37ACF

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.



FFA5E6



A6CF7A



8FC4FF

Square

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



A6CF7A



00D7F5



D3B3FF



FFA590

Rectangle

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



A6CF7A



3BD9BC



D3B3FF



FFA0C9

Sweetspot

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



A6CF7A



F0FFE0



CFA27A



77806E



000000



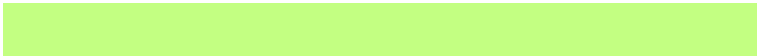
808080

Same Dimension

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



A6CF7A



C3FF82



7DCF7A



64695E



57A800



152900

Inverse Universe

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



A37ACF



BE82FF



CC7ACF



635E69



5100A8



140029

Previews

White Background



This preview shows how the Hex color A6CF7A looks on a white background.

Color Contrast Check

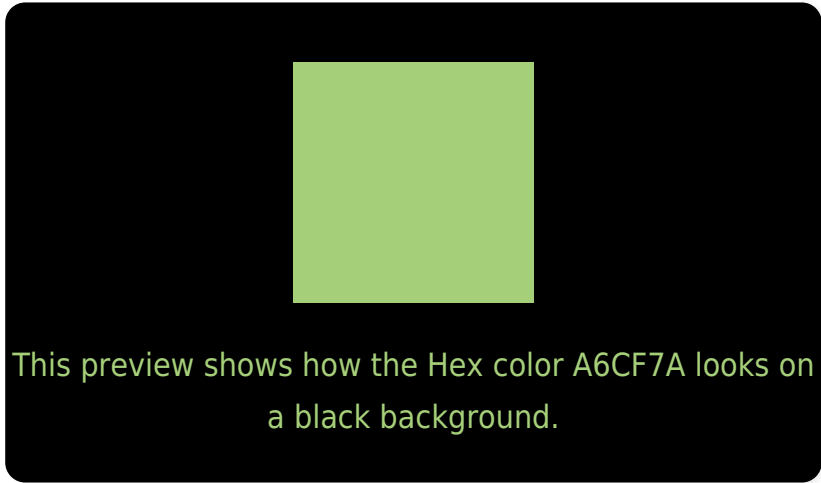
Large Text (above 18pt) WCAG AA × Fail

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

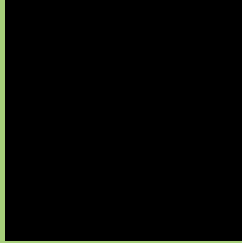
Any Text WCAG AA ✓ Pass

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 A6CF7A Background



This preview shows how black text looks on a background with the Hex color A6CF7A.

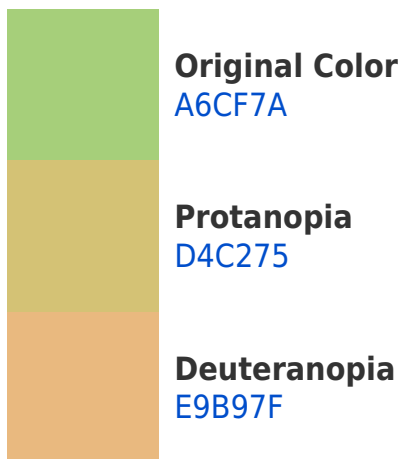


This preview shows how white text looks on a background with the Hex color A6CF7A.

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](#).

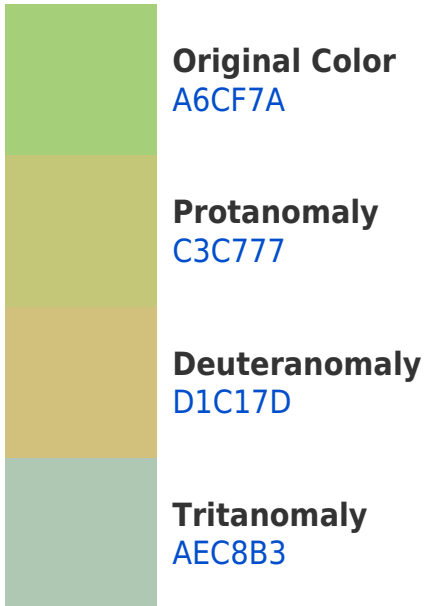
Dichromacy



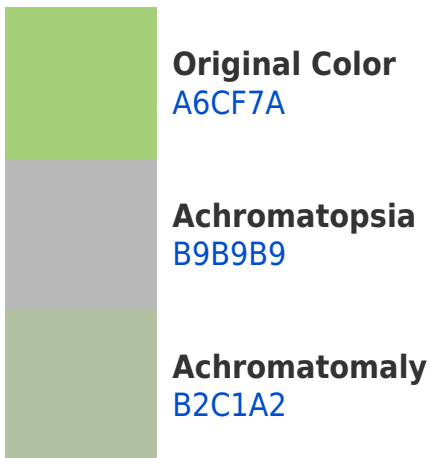


Tritanopia
B3C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6CF7A 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 #A6CF7A looks like.

```
.text, #text, p{  
    color:#A6CF7A  
}
```

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 #A6CF7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6CF7A
}
```

Border

The CSS property to change the border of an element to Hex A6CF7A 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
#A6CF7A }
```

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

```
.border{ border-color:#A6CF7A }
```

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

Here you see how a box with a 4 pixel #A6CF7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6CF7A; -webkit-box-shadow:4px 4px  
4px 4px #A6CF7A; box-shadow:4px 4px 4px  
4px #A6CF7A }
```

Background

The CSS property to change the background color of an element to Hex A6CF7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6CF7A }
```

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

```
.background{ background-color:#A6CF7A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor