

Converting Colors

Hex(A7C878)

Have a look what the booklet for
Hex(A7C878) contains.

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Color

Hex(A7C878)

Conversions

Conversions Part 1

Format	Color
Hex	A7C878
RGB	167, 200, 120
RGB Percent	65%, 78%, 47%
CMY	0.3451, 0.2157, 0.5294
CMYK	0.16, 0.00, 0.40, 0.22
HSL	85°, 42%, 63%
HSV	85°, 40%, 78%
XYZ	39.9808, 50.8801, 25.4829
YIQ	181.0130, 6.0120, -31.8760

Conversions

Conversions Part 2

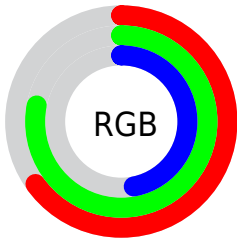
Format	Color
RYB	120, 200, 153
Decimal	10995832
CIELab	76.61, -24.53, 36.41
CIElCh	77, 43.906, 123.966
Yxy	50.8801, 0.3436, 0.4373
Android (android.graphics.Color)	4289185912 (0xFFA7C878)
YUV	181.0130, -30.0794, -12.2894
Hunter-Lab	71.3303, -24.7784, 28.7497

Details

The Hex color **A7C878** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9978C8**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **DFFFAD**, and **729246** is the 20% darker color. If you saturate the color by 10%, you get **9FC864**, and if you desaturate by 10%, it is **AFC88C**.

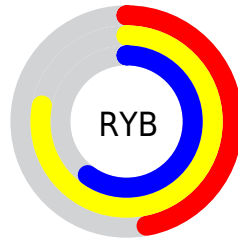
Distribution



Red (65%)

Green (78%)

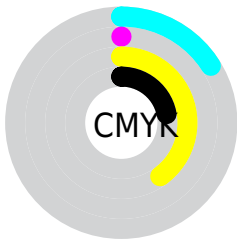
Blue (47%)



Red (47%)

Yellow (78%)

Blue (60%)

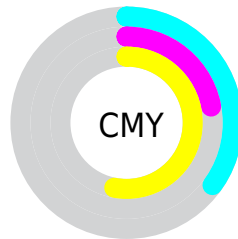


Cyan (16%)

Magenta (0%)

Yellow (40%)

Black (22%)



Cyan (35%)

Magenta (22%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7C878 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 A7C878 by changing the saturation by 10% instead.



A7C878



A7C878

FFFFFF



8CAD5E



DFFFAD



729246



FCFFC9



58782E



FFFFE5



3F5F15



264700



0E3100



001E00



000000



A7C878



A7C878

 9FC864

 AFC88C

 97C850

 B8C8A0

 8EC83C

 C0C8B4

 86C828

 C8C8C8

 7EC814

 D0C8DC

 76C800

 D9C8F0

 E1C8FF

 E9C8FF

 F1C8FF

Harmonies

Analogous

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



D2BC6B



A7C878



75CF98

Triad

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



A7C878



33CBFF



FF9DB9

Complementary

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



A7C878



9978C8

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.



F4A3E1



A7C878



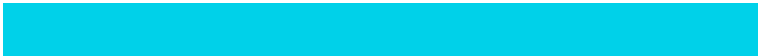
89BFFF

Square

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



A7C878



00D1E9



C8B0FF



FFA292

Rectangle

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



A7C878



4CD2B3



C8B0FF



FF9EC7

Sweetspot

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



A7C878



F2FFE0



C89878



78806E



000000



808080

Same Dimension

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



A7C878



CDFF85



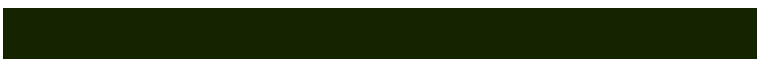
80C878



5F635A



60A300



152400

Inverse Universe

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



9978C8



B785FF



C078C8



5E5A63



4300A3



0F0024

Previews

White Background



This preview shows how the Hex color A7C878 looks on a white background.

Color Contrast Check

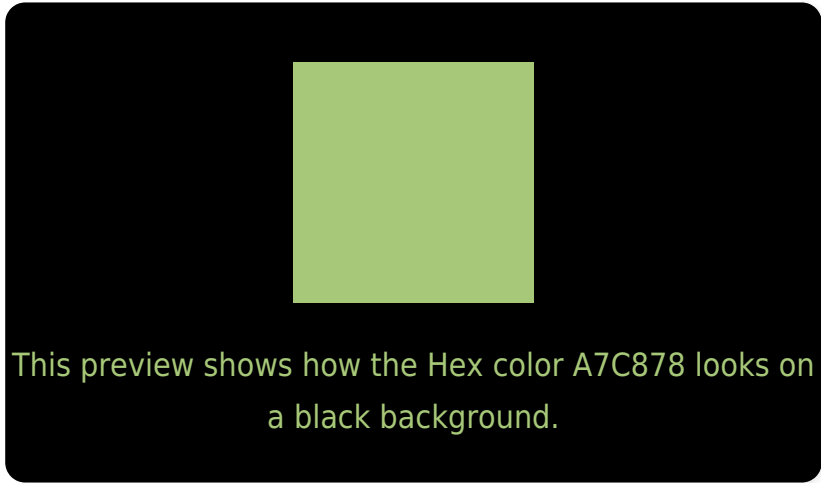
Large Text (above 18pt) WCAG AA × Fail

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 A7C878 Background



This preview shows how black text looks on a background with the Hex color A7C878.

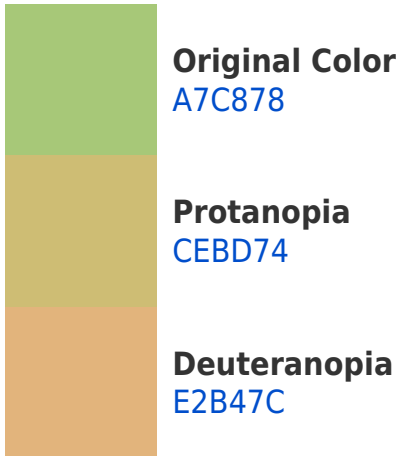


This preview shows how white text looks on a background with the Hex color A7C878.

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](#).

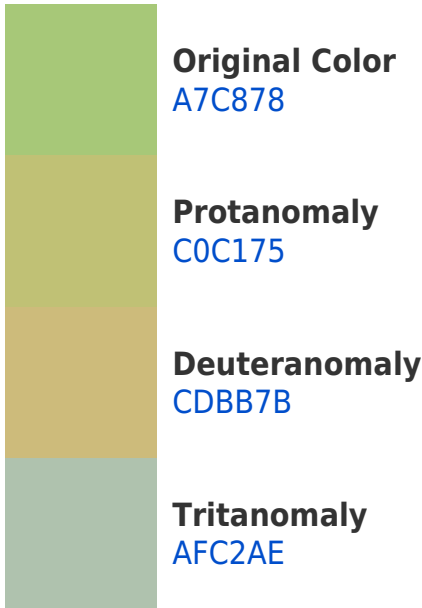
Dichromacy





Tritanopia
B3BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A7C878 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 #A7C878 looks like.

```
.text, #text, p{  
    color:#A7C878  
}
```

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 #A7C878 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7C878
}
```

Border

The CSS property to change the border of an element to Hex A7C878 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
#A7C878 }
```

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

```
.border{ border-color:#A7C878 }
```

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

Here you see how a box with a 4 pixel #A7C878 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7C878; -webkit-box-shadow:4px 4px  
4px 4px #A7C878; box-shadow:4px 4px 4px  
4px #A7C878 }
```

Background

The CSS property to change the background color of an element to Hex A7C878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7C878 }
```

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

```
.background{ background-color:#A7C878 }
```

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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