

Converting Colors

Hex(A6AE87)

Have a look what the booklet for
Hex(A6AE87) contains.

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Color

Hex(A6AE87)

Conversions

Conversions Part 1

Format	Color
Hex	A6AE87
RGB	166, 174, 135
RGB Percent	65%, 68%, 53%
CMY	0.3490, 0.3176, 0.4706
CMYK	0.05, 0.00, 0.22, 0.32
HSL	72°, 19%, 61%
HSV	72°, 22%, 68%
XYZ	35.2351, 40.1284, 28.8101
YIQ	167.1620, 7.7510, -13.8250

Conversions

Conversions Part 2

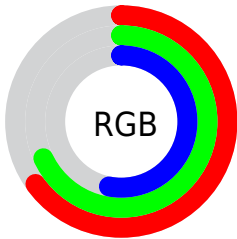
Format	Color
RYB	135, 174, 143
Decimal	10923655
CIELab	69.56, -9.61, 19.12
CIELCh	70, 21.402, 116.693
Yxy	40.1284, 0.3382, 0.3852
Android (android.graphics.Color)	4289113735 (0xFFA6AE87)
YUV	167.1620, -15.8559, -1.0191
Hunter-Lab	63.3470, -11.5711, 17.3778

Details

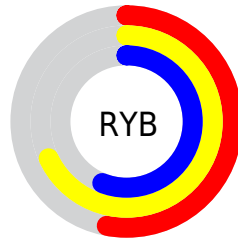
The Hex color **A6AE87** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8F87AE**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **DDE5BC**, and **727A55** is the 20% darker color. If you saturate the color by 10%, you get **A2AE76**, and if you desaturate by 10%, it is **AAAE98**.

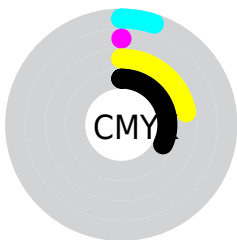
Distribution



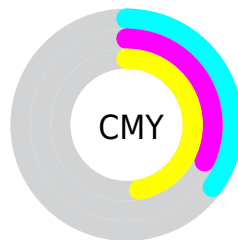
- Red (65%)
- Green (68%)
- Blue (53%)



- Red (53%)
- Yellow (68%)
- Blue (56%)



- Cyan (5%)
- Magenta (0%)
- Yellow (22%)
- Black (32%)



- Cyan (35%)
- Magenta (32%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6AE87 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 A6AE87 by changing the saturation by 10% instead.



A6AE87



A6AE87

FFFFFF



8B936E



DDE5BC



727A55



FAFFD8



59613E



FFFFFF5



414927



2B3312



171D00



000000



A6AE87



A6AE87



A2AE76



AAAE98

9FAE64

ADAEAA

9BAE53

B1AEBB

98AE41

B4AECD

94AE30

B8AEDE

91AE1F

BBAEFF

8DAE0D

BFAEFF

8AAE00

C3AEFF

C6AEFF

Harmonies

Analogous

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



BBA883



A6AE87



90B394

Triad

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



A6AE87



7BB2CA



CF9CAD

Complementary

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



A6AE87



8F87AE

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.



C1A0BF



A6AE87



90ACD0

Square

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



A6AE87



74B5BB



AAA6CC



D29D99

Rectangle

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



A6AE87



82B4A0



AAA6CC



CB9DB3

Sweetspot

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



A6AE87



E0E3D3



AE8F87



71736A



F2F2F2



737373

Same Dimension

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



A6AE87



D6E3A6



93AE87



55574E



789600



121700

Inverse Universe

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



8F87AE



B2A6E3



A287AE



504E57



1F0096



050017

Previews

White Background



This preview shows how the Hex color A6AE87 looks on a white background.

Color Contrast Check

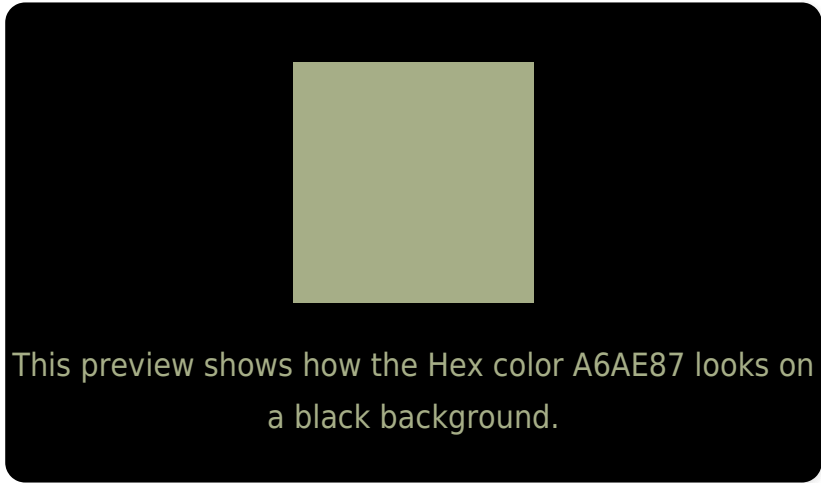
Large Text (above 18pt) WCAG AA × Fail

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

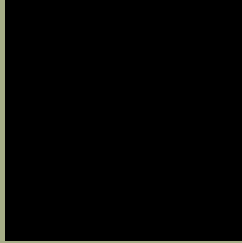
Any Text WCAG AA ✓ Pass

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 A6AE87 Background



This preview shows how black text looks on a background with the Hex color A6AE87.

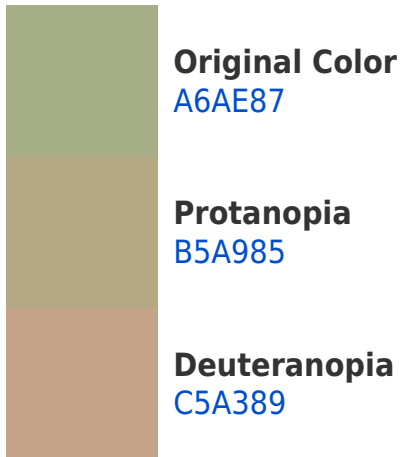


This preview shows how white text looks on a background with the Hex color A6AE87.

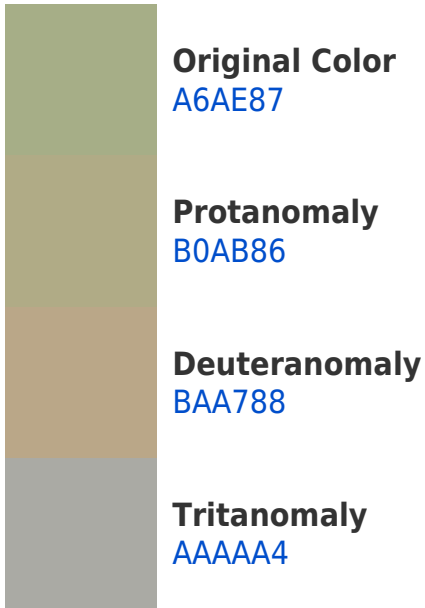
Color Blindness Simulation

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](#).

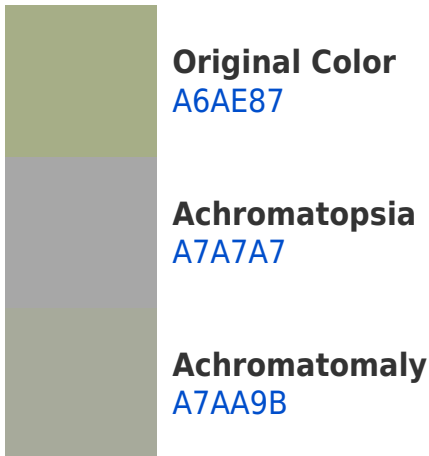
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6AE87 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 #A6AE87 looks like.

```
.text, #text, p{  
    color:#A6AE87  
}
```

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 #A6AE87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6AE87
}
```

Border

The CSS property to change the border of an element to Hex A6AE87 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
#A6AE87 }
```

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

```
.border{ border-color:#A6AE87 }
```

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

Here you see how a box with a 4 pixel #A6AE87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6AE87; -webkit-box-shadow:4px 4px  
4px 4px #A6AE87; box-shadow:4px 4px 4px  
4px #A6AE87 }
```

Background

The CSS property to change the background color of an element to Hex A6AE87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6AE87 }
```

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

```
.background{ background-color:#A6AE87 }
```

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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