

Converting Colors

Hex(A6E981)

Have a look what the booklet for
Hex(A6E981) contains.

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Color

Hex(A6E981)

Conversions

Conversions Part 1

Format	Color
Hex	A6E981
RGB	166, 233, 129
RGB Percent	65%, 91%, 51%
CMY	0.3490, 0.0863, 0.4941
CMYK	0.29, 0.00, 0.45, 0.09
HSL	99°, 70%, 71%
HSV	99°, 45%, 91%
XYZ	48.8272, 67.9698, 31.3149
YIQ	201.1110, -6.5480, -46.5480

Conversions

Conversions Part 2

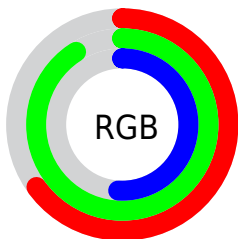
Format	Color
RYB	129, 233, 196
Decimal	10938753
CIELab	85.99, -39.17, 43.83
CIElCh	86, 58.784, 131.787
Yxy	67.9698, 0.3297, 0.4589
Android (android.graphics.Color)	4289128833 (0xFFA6E981)
YUV	201.1110, -35.5507, -30.7923
Hunter-Lab	82.4438, -38.5602, 35.1903

Details

The Hex color **A6E981** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C481E9**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **DFFFB7**, and **6FB14D** is the 20% darker color. If you saturate the color by 10%, you get **97E96A**, and if you desaturate by 10%, it is **B5E998**.

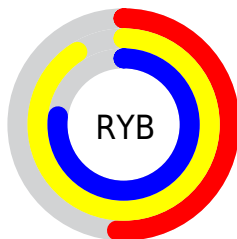
Distribution



Red (65%)

Green (91%)

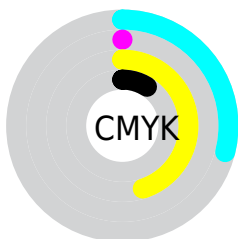
Blue (51%)



Red (51%)

Yellow (91%)

Blue (77%)

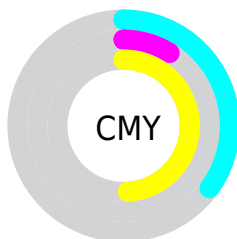


Cyan (29%)

Magenta (0%)

Yellow (45%)

Black (9%)



Cyan (35%)

Magenta (9%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6E981 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 A6E981 by changing the saturation by 10% instead.

 A6E981

 A6E981

FFFFFF

 8ACD67

 DFFFB7

 6FB14D

 FCFFD3

 549634

 FFFFF0

 397C19

 1B6200

 004A00

 003200

 001D00

 000000

 A6E981

 A6E981

 97E96A

 B5E998

 88E952

 C4E9B0

 79E93B

 D3E9C7

 6AE924

 E2E9DE

 5BE90C

 F1E9F6

 53E900

 FFE9FF

Harmonies

Analogous

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



E3DB66



A6E981



51F1B2

Triad

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



A6E981



00E6FF



FFA9C3

Complementary

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



A6E981



C481E9

Split Complementary

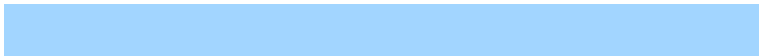
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFADFB



A6E981



A2D5FF

Square

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



A6E981



00F0FF



F8C0FF



FFB48F

Rectangle

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



A6E981



00F3D9



F8C0FF



FFA8D6

Sweetspot

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



A6E981



E AFFDE



E9C381



72806B



000000



808080

Same Dimension

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



A6E981



A6FF75



81E98F



6E756A



40B500



133600

Inverse Universe

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



C481E9



CE75FF



E981DB



716A75



7500B5



220036

Previews

White Background



This preview shows how the Hex color A6E981 looks on a white background.

Color Contrast Check

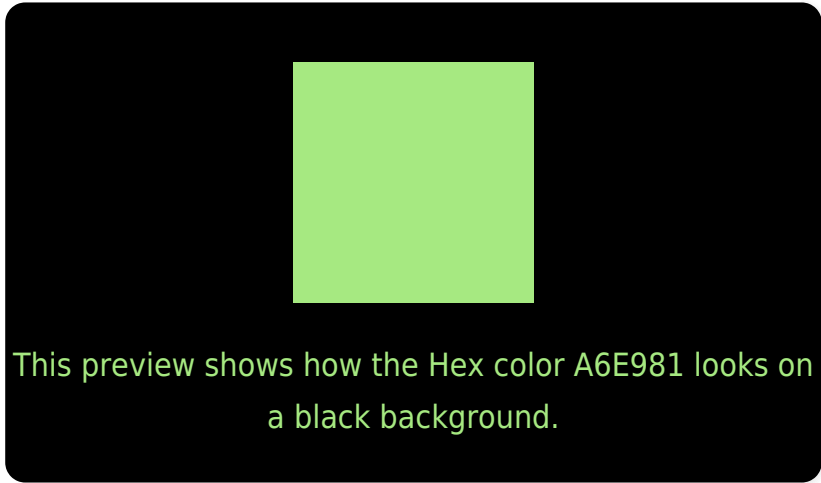
Large Text (above 18pt) WCAG AA × Fail

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 A6E981 Background



This preview shows how black text looks on a background with the Hex color A6E981.

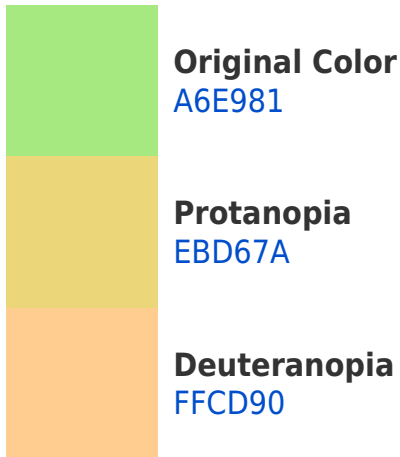


This preview shows how white text looks on a background with the Hex color A6E981.

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



Original Color
A6E981



Protanomaly
D2DD7D



Deuteranomaly
DFD78B

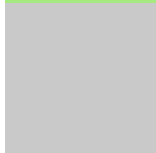


Tritanomaly
B1E1C6

Monochromacy



Original Color
A6E981



Achromatopsia
C9C9C9



Achromatomaly
BCD5AF

CSS Examples

Text

The CSS property to change the color of the text to Hex A6E981 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 #A6E981 looks like.

```
.text, #text, p{  
    color:#A6E981  
}
```

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 #A6E981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6E981
}
```

Border

The CSS property to change the border of an element to Hex A6E981 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
#A6E981 }
```

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

```
.border{ border-color:#A6E981 }
```

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

Here you see how a box with a 4 pixel #A6E981 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6E981; -webkit-box-shadow:4px 4px  
4px 4px #A6E981; box-shadow:4px 4px 4px  
4px #A6E981 }
```

Background

The CSS property to change the background color of an element to Hex A6E981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6E981 }
```

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

```
.background{ background-color:#A6E981 }
```

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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