

# Converting Colors

Hex(A6E8C0)

Have a look what the booklet for  
Hex(A6E8C0) contains.

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# **Color**

**Hex(A6E8C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6E8C0
RGB	166, 232, 192
RGB Percent	65%, 91%, 75%
CMY	0.3490, 0.0902, 0.2471
CMYK	0.28, 0.00, 0.17, 0.09
HSL	144°, 59%, 78%
HSV	144°, 28%, 91%
XYZ	54.0969, 69.6260, 60.4571
YIQ	207.7060, -26.4960, -26.4320

# Conversions

## Conversions Part 2

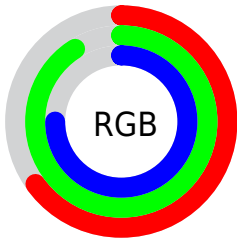
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 213, 232
Decimal	10938560
CIELab	86.81, -28.80, 12.88
CIELCh	87, 31.546, 155.902
Yxy	69.6260, 0.2937, 0.3780
Android (android.graphics.Color)	4289128640 (0xFFA6E8C0)
YUV	207.7060, -7.7431, -36.5762
Hunter-Lab	83.4422, -30.2994, 15.4516

# Details

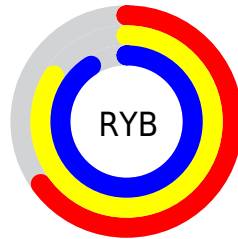
The Hex color **A6E8C0** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E8A6CE**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **DEFFF8**, and **70B08A** is the 20% darker color. If you saturate the color by 10%, you get **8FE8B2**, and if you desaturate by 10%, it is **BDE8CE**.

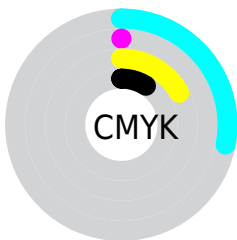
# Distribution



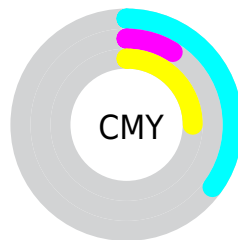
- Red (65%)
- Green (91%)
- Blue (75%)



- Red (65%)
- Yellow (84%)
- Blue (91%)



- Cyan (28%)
- Magenta (0%)
- Yellow (17%)
- Black (9%)



- Cyan (35%)
- Magenta (9%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6E8C0 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 A6E8C0 by changing the saturation by 10% instead.



 A6E8C0

 A6E8C0

FFFFFF

 8BCCA5

 DEFFF8


 70B08A

 FBFFFF

 569571

 3D7B58

 226241

 014A2B

 003216

 001F00

 000000

 A6E8C0

 A6E8C0

 8FE8B2

 BDE8CE

 78E8A4

 D4E8DC

 60E896

 ECE8EA

 49E888

 FFE8F8

 32E87A

 FFE8FF

 1BE86C

 04E85E

 00E85B

# Harmonies

## Analogous

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



C8E2A8



A6E8C0



89EADE

# Triad

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



A6E8C0



BCDAFF



FFC7B8

# Complementary

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



A6E8C0



E8A6CE

# 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.



FFC3D4



A6E8C0



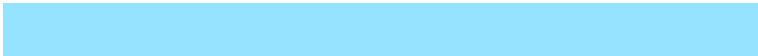
E6D0FF

# Square

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



A6E8C0



95E3FF



FFC7F2



FFCFA4

# Rectangle

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



A6E8C0



80EAF2



FFC7F2



FFC5C1

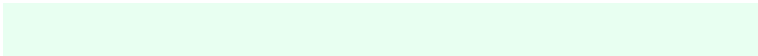


# Sweetspot

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



A6E8C0



E8FFF1



CFE8A6



718077



000000



808080

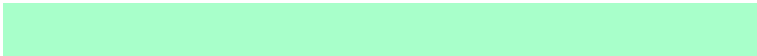


# Same Dimension

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



A6E8C0



A8FFCA



A6E8E0



67736C



00B346



003314



# Inverse Universe

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



E8A6CE



FFA8DD



E8A6AE



73676E



B3006C

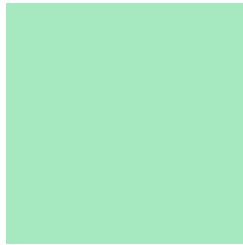


33001F



# Previews

## White Background



This preview shows how the Hex color A6E8C0 looks on a white background.

## Color Contrast Check

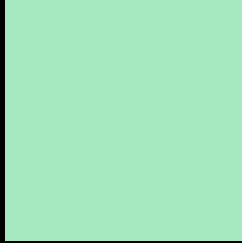
Large Text (above 18pt) WCAG AA × Fail

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 A6E8C0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

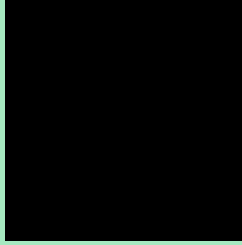
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

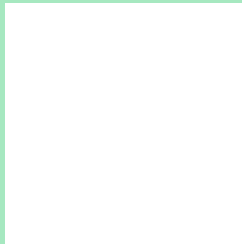
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A6E8C0 Background



This preview shows how black text looks on a background with the Hex color A6E8C0.

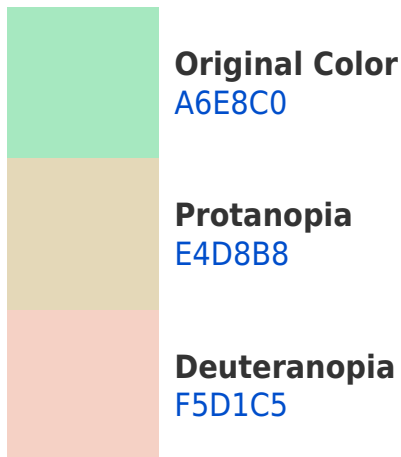


This preview shows how white text looks on a background with the Hex color A6E8C0.

# 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



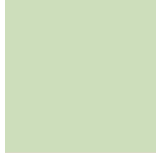


**Tritanopia**  
B0E1F3

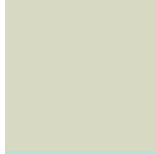
# Trichromacy



**Original Color**  
A6E8C0



**Protanomaly**  
CDDEBB

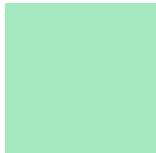


**Deuteranomaly**  
D8D9C3

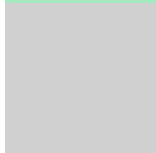


**Tritanomaly**  
ACE4E0

# Monochromacy



**Original Color**  
A6E8C0



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
C1D9CA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6E8C0 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 #A6E8C0 looks like.

```
.text, #text, p{  
    color:#A6E8C0  
}
```

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 #A6E8C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6E8C0
}
```

## Border

The CSS property to change the border of an element to Hex A6E8C0 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
#A6E8C0 }
```

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

```
.border{ border-color:#A6E8C0 }
```

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

Here you see how a box with a 4 pixel #A6E8C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6E8C0; -webkit-box-shadow:4px 4px  
4px 4px #A6E8C0; box-shadow:4px 4px 4px  
4px #A6E8C0 }
```

# Background

The CSS property to change the background color of an element to Hex A6E8C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6E8C0 }
```

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

```
.background{ background-color:#A6E8C0 }
```

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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