

Converting Colors

Hex(A6EEC1)

Have a look what the booklet for
Hex(A6EEC1) contains.

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Color

Hex(A6EEC1)

Conversions

Conversions Part 1

Format	Color
Hex	A6EEC1
RGB	166, 238, 193
RGB Percent	65%, 93%, 76%
CMY	0.3490, 0.0667, 0.2431
CMYK	0.30, 0.00, 0.19, 0.07
HSL	142°, 68%, 79%
HSV	142°, 30%, 93%
XYZ	55.9261, 73.1063, 61.6154
YIQ	211.3420, -28.4670, -29.2590

Conversions

Conversions Part 2

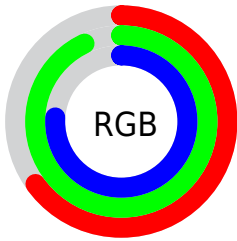
Format	Color
RYB	166, 218, 238
Decimal	10940097
CIELab	88.50, -31.44, 14.74
CIELCh	88, 34.727, 154.879
Yxy	73.1063, 0.2933, 0.3835
Android (android.graphics.Color)	4289130177 (0xFFA6EEC1)
YUV	211.3420, -9.0426, -39.7649
Hunter-Lab	85.5022, -32.8740, 17.1255

Details

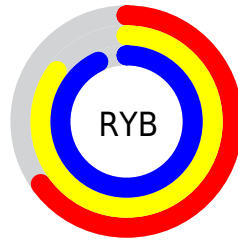
The Hex color **A6EEC1** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **EEA6D3**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **DFFFFA**, and **70B68B** is the 20% darker color. If you saturate the color by 10%, you get **8EEEB2**, and if you desaturate by 10%, it is **BEEED0**.

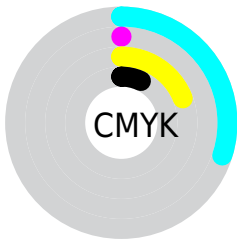
Distribution



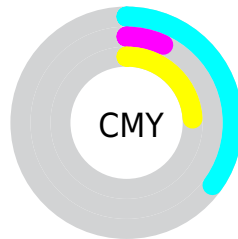
- Red (65%)
- Green (93%)
- Blue (76%)



- Red (65%)
- Yellow (85%)
- Blue (93%)



- Cyan (30%)
- Magenta (0%)
- Yellow (19%)
- Black (7%)



- Cyan (35%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6EEC1 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 A6EEC1 by changing the saturation by 10% instead.

 A6EEC1

 A6EEC1

FFFFFF

 8BD2A6

 DFFFFA

 70B68B

 FCFFFF

 569B72

 3B8059

 206742

 004E2B

 003716

 002300

 000000

 A6EEC1

 A6EEC1

 8EEEE2

 BEEED0

 76EEA3

 D6EEDF

 5FEE94

 EDEEEE

 47EE85

 FFEEFC

 2FEE77

 FFEEFF

 17EE68

 00EE59

Harmonies

Analogous

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



CCE7A7



A6EEC1



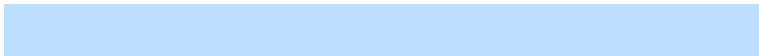
84F1E3

Triad

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



A6EEC1



BCDFFF



FFC9BA

Complementary

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



A6EEC1



EEA6D3

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.



FFC6DA



A6EEC1



EAD4FF

Square

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



A6EEC1



8EE9FF



FFCAFB



FFD3A3

Rectangle

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



A6EEC1



78F0F9



FFCAFB



FFC7C4

Sweetspot

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



A6EEC1



E8FFF1



D4EEA6



718077



000000



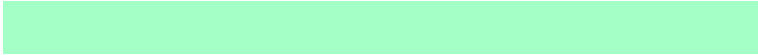
808080

Same Dimension

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



A6EEC1



A3FFC6



A6EEE4



6C7870



00B845



003815

Inverse Universe

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



EEA6D3



FFA3DD



EEA6B0



786C73



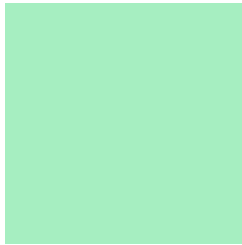
B80073



380023

Previews

White Background



This preview shows how the Hex color A6EEC1 looks on a white background.

Color Contrast Check

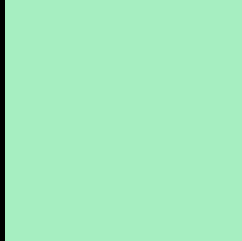
Large Text (above 18pt) WCAG AA × Fail

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 A6EEC1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

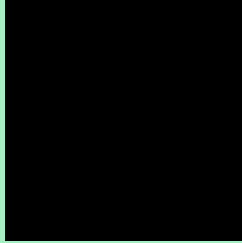
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

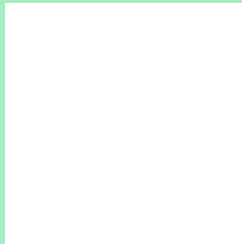
Any Text WCAG AAA ✓ Pass

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

Hex A6EEC1 Background



This preview shows how black text looks on a background with the Hex color A6EEC1.

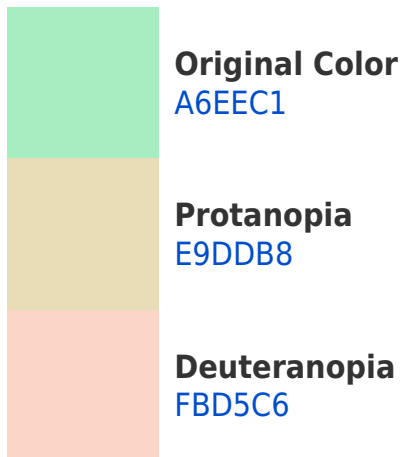


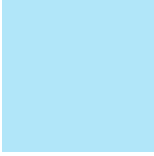
This preview shows how white text looks on a background with the Hex color A6EEC1.

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](#).

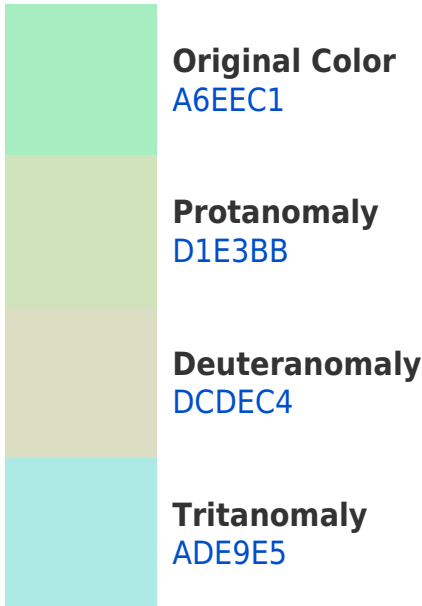
Dichromacy



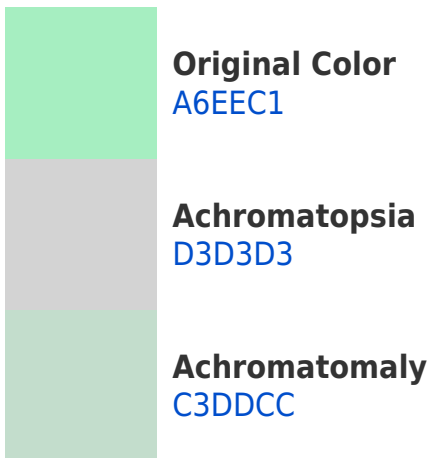


Tritanopia
B1E6F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6EEC1 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 #A6EEC1 looks like.

```
.text, #text, p{  
    color:#A6EEC1  
}
```

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 #A6EEC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6EEC1  
}
```

Border

The CSS property to change the border of an element to Hex A6EEC1 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  
#A6EEC1 }
```

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

```
.border{ border-color:#A6EEC1 }
```

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

Here you see how a box with a 4 pixel #A6EEC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6EEC1; -webkit-box-shadow:4px 4px  
4px 4px #A6EEC1; box-shadow:4px 4px 4px  
4px #A6EEC1 }
```

Background

The CSS property to change the background color of an element to Hex A6EEC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6EEC1 }
```

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

```
.background{ background-color:#A6EEC1 }
```

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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