

Converting Colors

Hex(A6E2E0)

Have a look what the booklet for
Hex(A6E2E0) contains.

Hex(A6E2E0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A6E2E0)

Conversions

Conversions Part 1

Format	Color
Hex	A6E2E0
RGB	166, 226, 224
RGB Percent	65%, 89%, 88%
CMY	0.3490, 0.1137, 0.1216
CMYK	0.27, 0.00, 0.01, 0.11
HSL	178°, 51%, 77%
HSV	178°, 27%, 89%
XYZ	56.3768, 67.8815, 80.6521
YIQ	207.8320, -35.1180, -13.3420

Conversions

Conversions Part 2

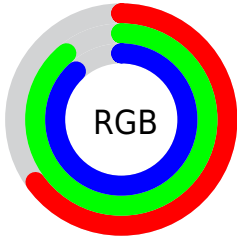
Format	Color
RYB	166, 197, 226
Decimal	10937056
CIELab	85.95, -19.32, -5.19
CIElCh	86, 20.008, 195.031
Yxy	67.8815, 0.2751, 0.3313
Android (android.graphics.Color)	4289127136 (0xFFA6E2E0)
YUV	207.8320, 7.9708, -36.6867
Hunter-Lab	82.3902, -22.0416, -0.3660

Details

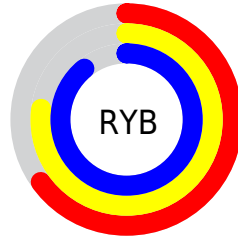
The Hex color **A6E2E0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E2A6A8**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **DEFFFF**, and **70ABA9** is the 20% darker color. If you saturate the color by 10%, you get **8FE2DF**, and if you desaturate by 10%, it is **BDE2E1**.

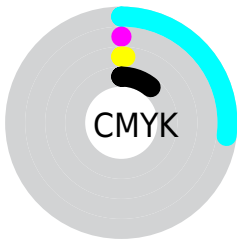
Distribution



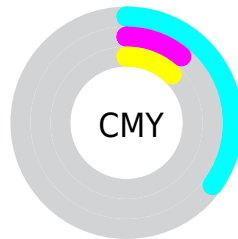
- Red (65%)
- Green (89%)
- Blue (88%)



- Red (65%)
- Yellow (77%)
- Blue (89%)



- Cyan (27%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (35%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6E2E0 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 A6E2E0 by changing the saturation by 10% instead.

 A6E2E0

 A6E2E0

FFFFFF

 8BC6C4

 DEFFFF

 70ABA9

 FCFFFF

 56908E

 3C7675

 215D5C

 004545

 002F2F

 001C1A

 000000

 A6E2E0

 A6E2E0

 8FE2DF

 BDE2E1

 79E2DE

 D3E2E2

 62E2DE

 EAE2E2

 4CE2DD

 FFE2E3

 35E2DC

 FFE2E4

 1EE2DB

 FFE2E5

 08E2DB

 FFE2E6

 00E2DA

 FFE2E7

Harmonies

Analogous

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



B2E1CD



A6E2E0



A7E0F1

Triad

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



A6E2E0



E6CFF2



EFD2B3

Complementary

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



A6E2E0



E2A6A8

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.



FCCDBD



A6E2E0



F7CBE1

Square

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



A6E2E0



CED5FB



FFCACE



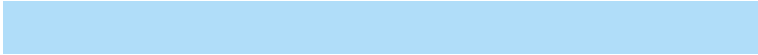
DCD9B2

Rectangle

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



A6E2E0



B0DDF9



FFCACE



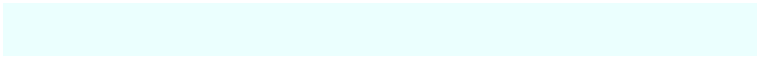
F4D0B5

Sweetspot

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



A6E2E0



EBFFFE



A8E2A6



73807F



000000



808080

Same Dimension

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



A6E2E0



ADFFFC



A6C6E2



657070



00B0AA



00302F

Inverse Universe

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



E2A6A8



FFADB0



E2C2A6



706565



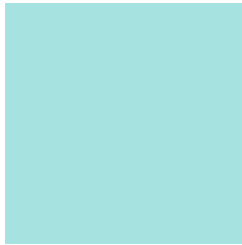
B00006



300002

Previews

White Background



This preview shows how the Hex color A6E2E0 looks on a white background.

Color Contrast Check

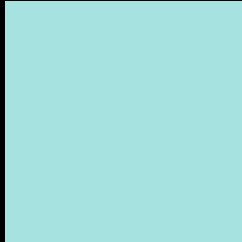
Large Text (above 18pt) WCAG AA × Fail

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 A6E2E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

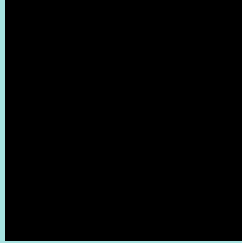
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

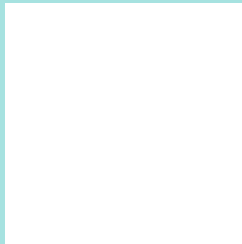
Any Text WCAG AAA ✓ Pass

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

Hex A6E2E0 Background



This preview shows how black text looks on a background with the Hex color A6E2E0.

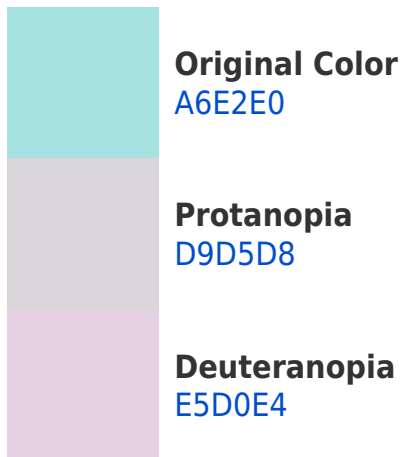


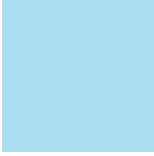
This preview shows how white text looks on a background with the Hex color A6E2E0.

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



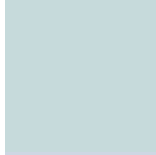


Tritanopia
AADFF1

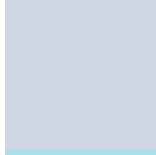
Trichromacy



Original Color
A6E2E0



Protanomaly
C6DADB



Deuteranomaly
CED7E3

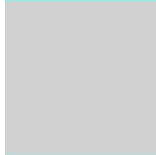


Tritanomaly
A9E0EB

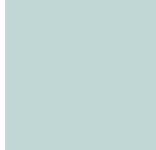
Monochromacy



Original Color
A6E2E0



Achromatopsia
D0D0D0



Achromatomaly
C1D7D6

CSS Examples

Text

The CSS property to change the color of the text to Hex A6E2E0 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 #A6E2E0 looks like.

```
.text, #text, p{  
    color:#A6E2E0  
}
```

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 #A6E2E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6E2E0
}
```

Border

The CSS property to change the border of an element to Hex A6E2E0 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
#A6E2E0 }
```

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

```
.border{ border-color:#A6E2E0 }
```

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

Here you see how a box with a 4 pixel #A6E2E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6E2E0; -webkit-box-shadow:4px 4px  
4px 4px #A6E2E0; box-shadow:4px 4px 4px  
4px #A6E2E0 }
```

Background

The CSS property to change the background color of an element to Hex A6E2E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6E2E0 }
```

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

```
.background{ background-color:#A6E2E0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor