

Converting Colors

Hex(A6D3EB)

Have a look what the booklet for
Hex(A6D3EB) contains.

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Color

Hex(A6D3EB)

Conversions

Conversions Part 1

Format	Color
Hex	A6D3EB
RGB	166, 211, 235
RGB Percent	65%, 83%, 92%
CMY	0.3490, 0.1725, 0.0784
CMYK	0.29, 0.10, 0.00, 0.08
HSL	201°, 63%, 79%
HSV	201°, 29%, 92%
XYZ	54.0155, 60.6937, 87.4654
YIQ	200.2810, -34.5240, -2.0760

Conversions

Conversions Part 2

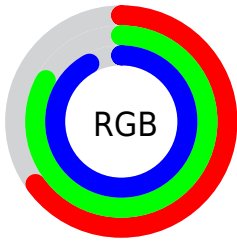
Format	Color
RYB	166, 193, 235
Decimal	10933227
CIELab	82.21, -9.18, -16.58
CIELCh	82, 18.955, 241.034
Yxy	60.6937, 0.2672, 0.3002
Android (android.graphics.Color)	4289123307 (0xFFA6D3EB)
YUV	200.2810, 17.1165, -30.0644
Hunter-Lab	77.9061, -12.5743, -12.0307

Details

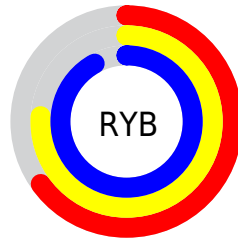
The Hex color **A6D3EB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EBBEA6**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **DEFFFF**, and **709CB3** is the 20% darker color. If you saturate the color by 10%, you get **8FCBEB**, and if you desaturate by 10%, it is **BEDBEB**.

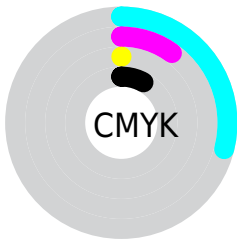
Distribution



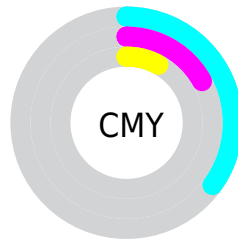
- Red (65%)
- Green (83%)
- Blue (92%)



- Red (65%)
- Yellow (76%)
- Blue (92%)



- Cyan (29%)
- Magenta (10%)
- Yellow (0%)
- Black (8%)



- Cyan (35%)
- Magenta (17%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6D3EB 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 A6D3EB by changing the saturation by 10% instead.

 A6D3EB

 A6D3EB

FFFFFF

 8BB7CF


 DEFFFF

 709CB3

 FBFFFF

 568298

 3C697E

 215165

 003A4D

 002537

 001021

 000008

 A6D3EB

 A6D3EB

 8FCBEB

 BEDBEB

 77C3EB

 D5E3EB

 60BAEB

 EDECEB

 48B2EB

 FFF4EB

 31AAEB

 FFFCEB

 19A2EB

 FFFFEB

 029AEB

 0099EB

Harmonies

Analogous

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



9DD6DE



A6D3EB



B9CEF0

Triad

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



A6D3EB



F0C0CC



C6D1AE

Complementary

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



A6D3EB



EBBEA6

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.



DACBA9



A6D3EB



F2C1BB

Square

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



A6D3EB



E4C3DE



EAC6AE



B2D5BB

Rectangle

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



A6D3EB



C9CAEE



EAC6AE



CDCFAB

Sweetspot

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



A6D3EB



E8F7FF



A6EBBD



717B80



000000



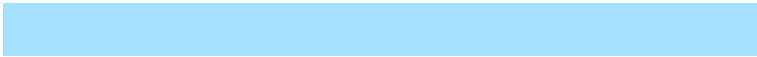
808080

Same Dimension

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



A6D3EB



A6E0FF



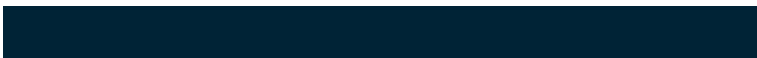
A6B2EB



6A7175



0076B5



002336

Inverse Universe

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



EBA6D3



FFA6E0



EBDFA6



756A71



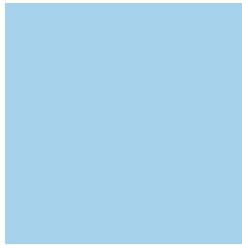
B50076



360023

Previews

White Background



This preview shows how the Hex color A6D3EB looks on a white background.

Color Contrast Check

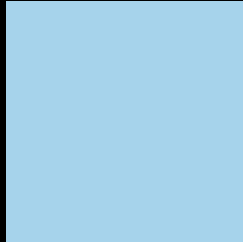
Large Text (above 18pt) WCAG AA × Fail

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 A6D3EB 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 A6D3EB Background



This preview shows how black text looks on a background with the Hex color A6D3EB.

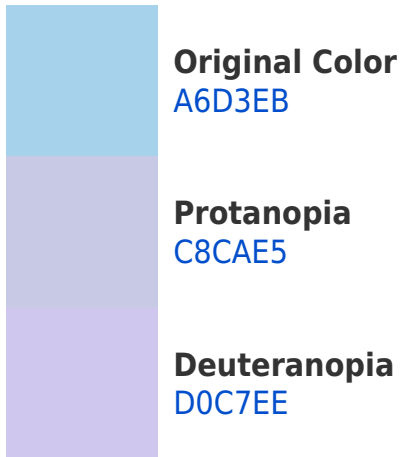


This preview shows how white text looks on a background with the Hex color A6D3EB.

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](#).

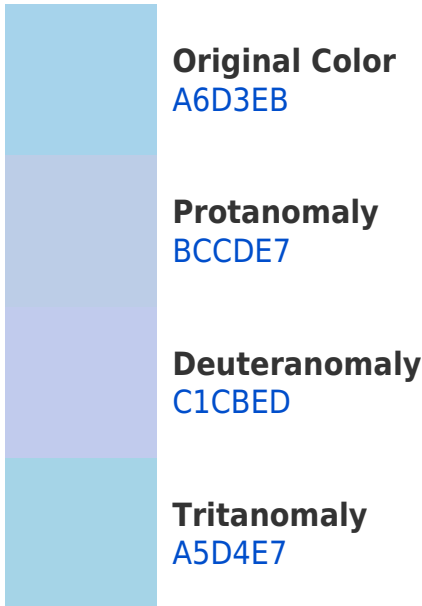
Dichromacy



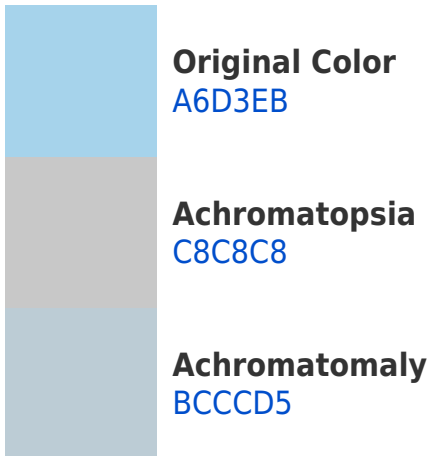


Tritanopia
A5D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6D3EB 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 #A6D3EB looks like.

```
.text, #text, p{  
    color:#A6D3EB  
}
```

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 #A6D3EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6D3EB
}
```

Border

The CSS property to change the border of an element to Hex A6D3EB 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
#A6D3EB }
```

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

```
.border{ border-color:#A6D3EB }
```

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

Here you see how a box with a 4 pixel #A6D3EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6D3EB; -webkit-box-shadow:4px 4px  
4px 4px #A6D3EB; box-shadow:4px 4px 4px  
4px #A6D3EB }
```

Background

The CSS property to change the background color of an element to Hex A6D3EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6D3EB }
```

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

```
.background{ background-color:#A6D3EB }
```

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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