

Converting Colors

Hex(A6D3E3)

Have a look what the booklet for
Hex(A6D3E3) contains.

Hex(A6D3E3)	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(A6D3E3)

Conversions

Conversions Part 1

Format	Color
Hex	A6D3E3
RGB	166, 211, 227
RGB Percent	65%, 83%, 89%
CMY	0.3490, 0.1725, 0.1098
CMYK	0.27, 0.07, 0.00, 0.11
HSL	196°, 52%, 77%
HSV	196°, 27%, 89%
XYZ	52.8853, 60.2416, 81.5135
YIQ	199.3690, -31.9560, -4.5640

Conversions

Conversions Part 2

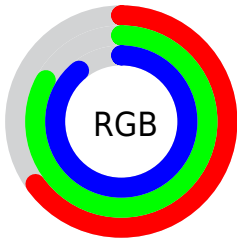
Format	Color
RYB	166, 192, 227
Decimal	10933219
CIELab	81.97, -11.04, -12.69
CIELCh	82, 16.816, 228.988
Yxy	60.2416, 0.2717, 0.3095
Android (android.graphics.Color)	4289123299 (0xFFA6D3E3)
YUV	199.3690, 13.6221, -29.2646
Hunter-Lab	77.6154, -14.2015, -7.9369

Details

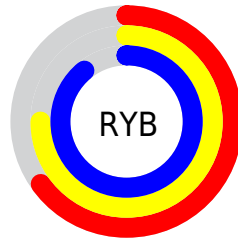
The Hex color **A6D3E3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3B6A6**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **DEFFFF**, and **709CAC** is the 20% darker color. If you saturate the color by 10%, you get **8FCDE3**, and if you desaturate by 10%, it is **BDD9E3**.

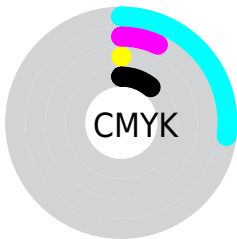
Distribution



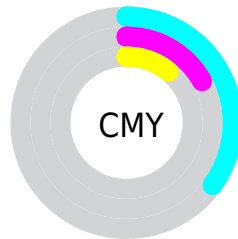
- Red (65%)
- Green (83%)
- Blue (89%)



- Red (65%)
- Yellow (75%)
- Blue (89%)



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (35%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6D3E3 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 A6D3E3 by changing the saturation by 10% instead.

 A6D3E3

 A6D3E3

FFFFFF

 8BB7C7

 DEFFFF

 709CAC

 FBFFFF

 578291

 3D6977

 23515F

 043A47

 002431

 000E1C

 000000

 A6D3E3

 A6D3E3

 8FCDE3

 BDD9E3

 79C7E3

 D3DFE3

 62C1E3

 EAE5E3

 4BBBE3

 FFEBE3

 35B5E3

 FFF1E3

 1EAFE3

 FFF7E3

 07A9E3

 FFFDE3

 00A7E3

 FFFF E3

Harmonies

Analogous

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



A3D5D5



A6D3E3



B4CFEA

Triad

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



A6D3E3



E8C2D2



CECEAE

Complementary

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



A6D3E3



E3B6A6

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.



DEC9AD



A6D3E3



EDC1C2

Square

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



A6D3E3



DBC5E1



EAC4B5



BCD2B7

Rectangle

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



A6D3E3



C1CCEB



EAC4B5



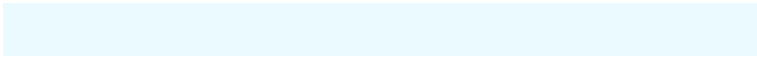
D4CCAD

Sweetspot

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



A6D3E3



EBFAFF



A6E3B5



737C80



000000



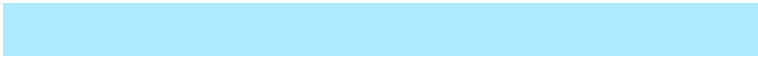
808080

Same Dimension

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



A6D3E3



ADEAFF



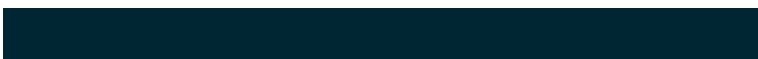
A6B5E3



677073



0084B3



002633

Inverse Universe

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



E3A6D3



FFADEA



E3D4A6



736770



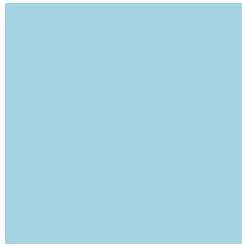
B30084



330026

Previews

White Background



This preview shows how the Hex color A6D3E3 looks on a white background.

Color Contrast Check

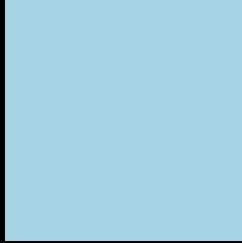
Large Text (above 18pt) WCAG AA × Fail

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 A6D3E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

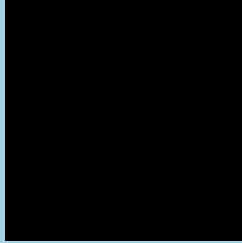
Any Text WCAG AA ✓ Pass

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 A6D3E3 Background



This preview shows how black text looks on a background with the Hex color A6D3E3.

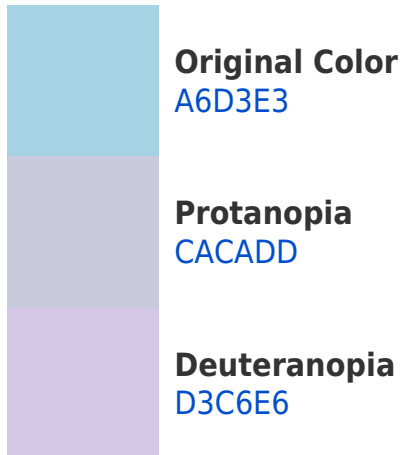


This preview shows how white text looks on a background with the Hex color A6D3E3.

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](#).

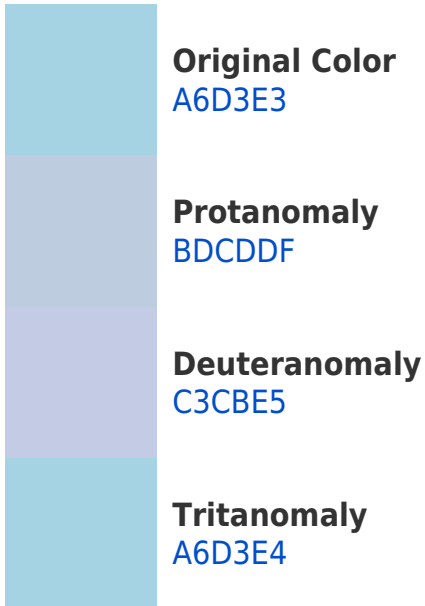
Dichromacy



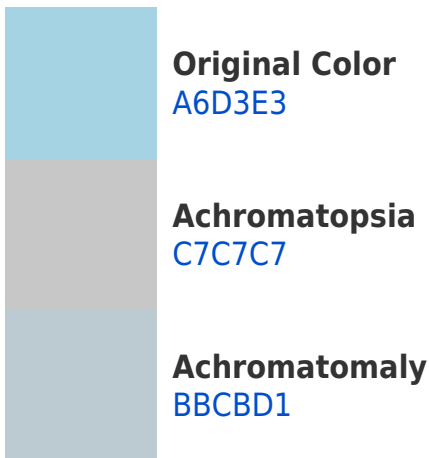


Tritanopia
A6D3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6D3E3 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 #A6D3E3 looks like.

```
.text, #text, p{  
    color:#A6D3E3  
}
```

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 #A6D3E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6D3E3
}
```

Border

The CSS property to change the border of an element to Hex A6D3E3 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
#A6D3E3 }
```

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

```
.border{ border-color:#A6D3E3 }
```

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

Here you see how a box with a 4 pixel #A6D3E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6D3E3; -webkit-box-shadow:4px 4px  
4px 4px #A6D3E3; box-shadow:4px 4px 4px  
4px #A6D3E3 }
```

Background

The CSS property to change the background color of an element to Hex A6D3E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6D3E3 }
```

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

```
.background{ background-color:#A6D3E3 }
```

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