

Converting Colors

Hex(A6C0E7)

Have a look what the booklet for
Hex(A6C0E7) contains.

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Color

Hex(A6C0E7)

Conversions

Conversions Part 1

Format	Color
Hex	A6C0E7
RGB	166, 192, 231
RGB Percent	65%, 75%, 91%
CMY	0.3490, 0.2471, 0.0941
CMYK	0.28, 0.17, 0.00, 0.09
HSL	216°, 58%, 78%
HSV	216°, 28%, 91%
XYZ	48.9993, 51.5758, 82.9739
YIQ	188.6720, -28.0150, 6.6170

Conversions

Conversions Part 2

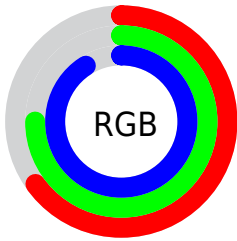
Format	Color
R _Y B	166, 185, 231
Decimal	10928359
CIE Lab	77.03, -0.06, -22.29
CIE LCh	77, 22.289, 269.846
Yxy	51.5758, 0.2670, 0.2810
Android (android.graphics.Color)	4289118439 (0xFFA6C0E7)
YUV	188.6720, 20.8677, -19.8833
Hunter-Lab	71.8163, -3.8902, -18.2301

Details

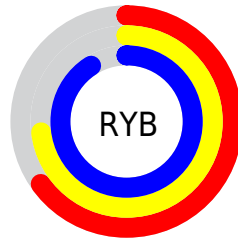
The Hex color **A6C0E7** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E7CDA6**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **DEF8FF**, and **718BAF** is the 20% darker color. If you saturate the color by 10%, you get **8FB2E7**, and if you desaturate by 10%, it is **BDCEE7**.

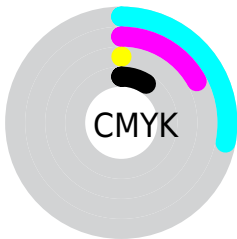
Distribution



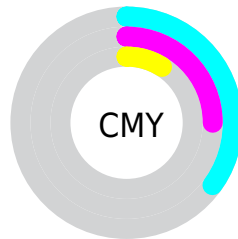
- Red (65%)
- Green (75%)
- Blue (91%)



- Red (65%)
- Yellow (73%)
- Blue (91%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color A6C0E7 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 A6C0E7 by changing the saturation by 10% instead.

 A6C0E7

 A6C0E7

FFFFFF

 8BA5CB

 DEF8FF

 718BAF

 FBFFFF

 577195

 3D597B

 244262

 062C4A

 001733

 00021E

 000000

 A6C0E7

 A6C0E7

 8FB2E7

 BDCEE7

 78A4E7

 D4DCE7

 6196E7

 EBBAE7

 4A89E7

 FFF7E7

 337BE7

 FFFFE7

 1B6DE7

 045FE7

 005CE7

Harmonies

Analogous

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



8FC6E1



A6C0E7



C2B9E2

Triad

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



A6C0E7



E9B1AB



A0C8A9

Complementary

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



A6C0E7



E7CDA6

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.



B8C39A



A6C0E7



E0B69B

Square

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



A6C0E7



E7B0BF



CEBD95



8DCABD

Rectangle

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



A6C0E7



D2B5D9



CEBD95



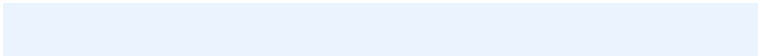
A8C7A3

Sweetspot

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



A6C0E7



EBF3FF



A6E7CD



737880



000000



808080

Same Dimension

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



A6C0E7



A8CBFF



ACA6E7



676C73



0047B3



001433

Inverse Universe

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



E7A6C0



FFA8CB



E1E7A6



73676C



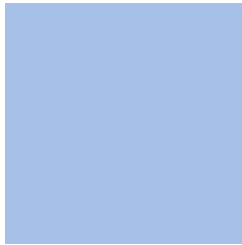
B30047



330014

Previews

White Background



This preview shows how the Hex color A6C0E7 looks on a white background.

Color Contrast Check

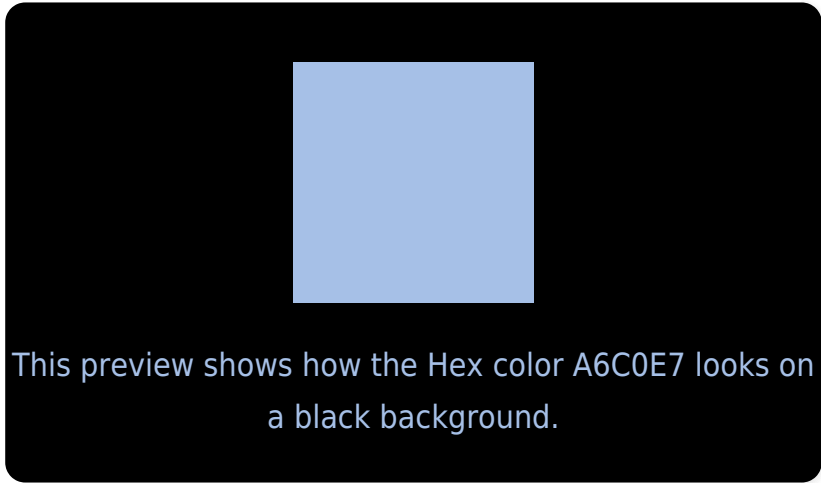
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

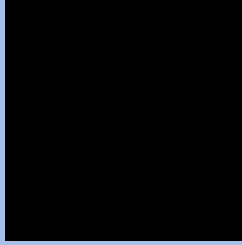
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

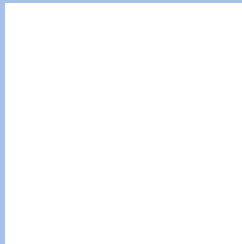
Any Text WCAG AAA ✓ Pass

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

Hex A6C0E7 Background



This preview shows how black text looks on a background with the Hex color A6C0E7.



This preview shows how white text looks on a background with the Hex color A6C0E7.

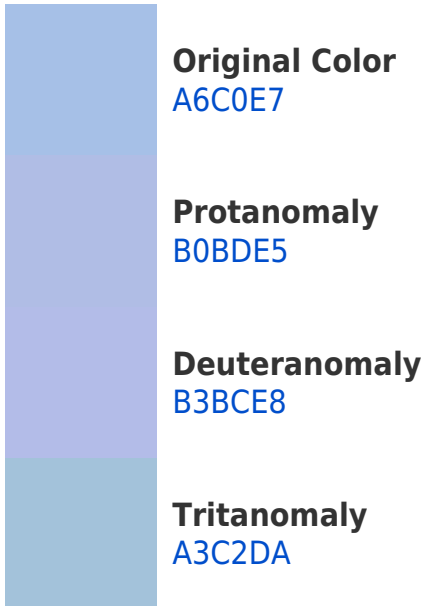
Color Blindness Simulation

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](#).

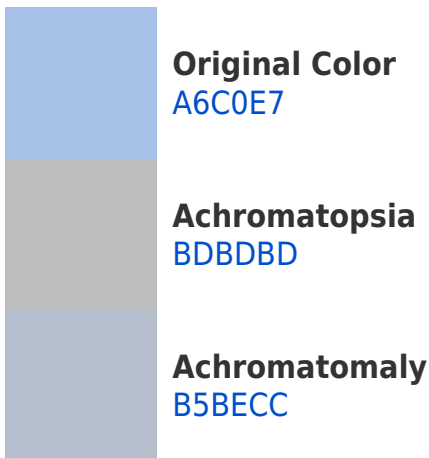
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6C0E7 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 #A6C0E7 looks like.

```
.text, #text, p{  
    color:#A6C0E7  
}
```

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 #A6C0E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6C0E7
}
```

Border

The CSS property to change the border of an element to Hex A6C0E7 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
#A6C0E7 }
```

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

```
.border{ border-color:#A6C0E7 }
```

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

Here you see how a box with a 4 pixel #A6C0E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6C0E7; -webkit-box-shadow:4px 4px  
4px 4px #A6C0E7; box-shadow:4px 4px 4px  
4px #A6C0E7 }
```

Background

The CSS property to change the background color of an element to Hex A6C0E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6C0E7 }
```

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

```
.background{ background-color:#A6C0E7 }
```

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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