

Converting Colors

Hex(A6BCEE)

Have a look what the booklet for
Hex(A6BCEE) contains.

Hex(A6BCEE)	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(A6BCEE)

Conversions

Conversions Part 1

Format	Color
Hex	A6BCEE
RGB	166, 188, 238
RGB Percent	65%, 74%, 93%
CMY	0.3490, 0.2627, 0.0667
CMYK	0.30, 0.21, 0.00, 0.07
HSL	222°, 68%, 79%
HSV	222°, 30%, 93%
XYZ	49.1417, 50.2465, 87.9974
YIQ	187.1220, -29.1620, 10.8860

Conversions

Conversions Part 2

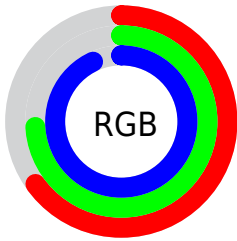
Format	Color
R _Y B	166, 183, 238
Decimal	10927342
CIE Lab	76.22, 3.80, -27.29
CIE LCh	76, 27.558, 277.933
Yxy	50.2465, 0.2622, 0.2681
Android (android.graphics.Color)	4289117422 (0xFFA6BCEE)
YUV	187.1220, 25.0829, -18.5240
Hunter-Lab	70.8847, -0.3010, -23.9842

Details

The Hex color **A6BCEE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EED8A6**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **DEF4FF**, and **7087B6** is the 20% darker color. If you saturate the color by 10%, you get **8EABEE**, and if you desaturate by 10%, it is **BECDEE**.

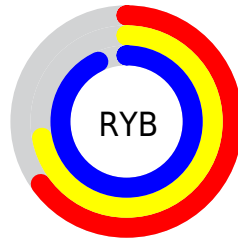
Distribution



Red (65%)

Green (74%)

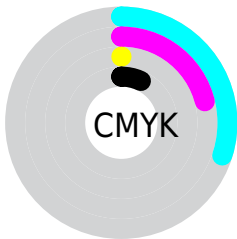
Blue (93%)



Red (65%)

Yellow (72%)

Blue (93%)

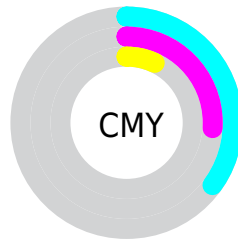


Cyan (30%)

Magenta (21%)

Yellow (0%)

Black (7%)



Cyan (35%)

Magenta (26%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6BCEE 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 A6BCEE by changing the saturation by 10% instead.

 A6BCEE

 A6BCEE

FFFFFF

 8BA1D2

 DEF4FF

 7087B6

 FBFFFF

 566E9B

 3C5581

 223E68

 00294F

 001538

 000222

 000009

 A6BCEE

 A6BCEE

 8EABEE

 BECDEE

 769BEE

 D6DDEE

 5F8AEE

 EDEEEE

 477AEE

 FFFEEE

 2F69EE

 FFFFEE

 1759EE

 0049EE

Harmonies

Analogous

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



84C4EA



A6BCEE



C9B3E4

Triad

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



A6BCEE



EDAD9E



8FC9A8

Complementary

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



A6BCEE



EED8A6

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.



ACC493



A6BCEE



DFB48D

Square

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



A6BCEE



EFA9B6



C8BC89



77CAC2

Rectangle

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



A6BCEE



DBAED7



C8BC89



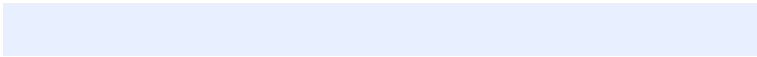
98C7A0

Sweetspot

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



A6BCEE



E8EFFF



A6EED7



717680



000000



808080

Same Dimension

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



A6BCEE



A3BFFF



B3A6EE



6C7078



0038B8



001138

Inverse Universe

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



EEA6BC



FFA3BF



E1EEA6



786C70



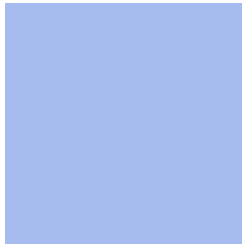
B80038



380011

Previews

White Background



This preview shows how the Hex color A6BCEE looks on a white background.

Color Contrast Check

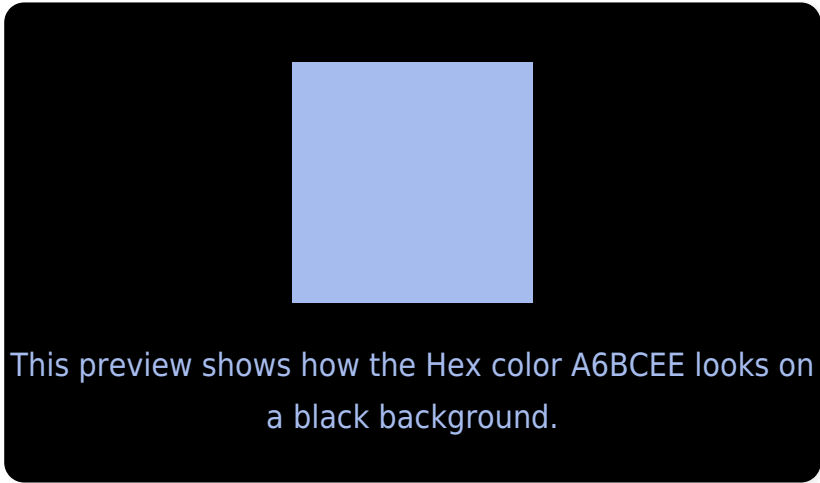
Large Text (above 18pt) WCAG AA × Fail

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

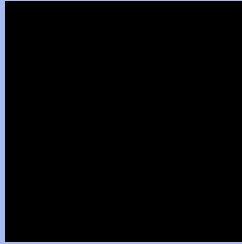
Any Text WCAG AA ✓ Pass

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 A6BCEE Background



This preview shows how black text looks on a background with the Hex color A6BCEE.



This preview shows how white text looks on a background with the Hex color A6BCEE.

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



Original Color
A6BCEE

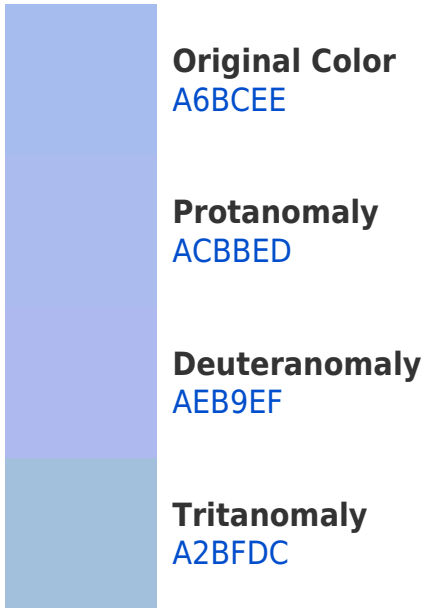
Protanopia
AFBAEC

Deuteranopia
B3B8EF

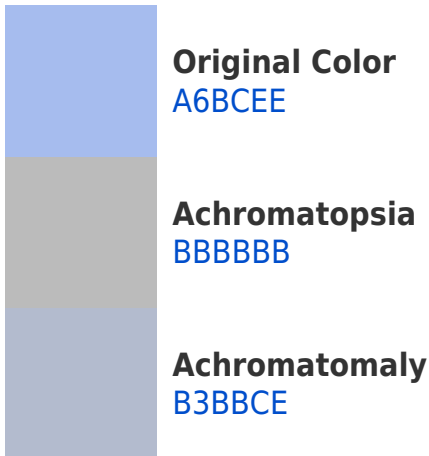


Tritanopia
A0C1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6BCEE 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 #A6BCEE looks like.

```
.text, #text, p{  
    color:#A6BCEE  
}
```

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 #A6BCEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6BCEE }  
}
```

Border

The CSS property to change the border of an element to Hex A6BCEE 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 #A6BCEE }  
}
```

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

```
.border{ border-color:#A6BCEE }
```

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

Here you see how a box with a 4 pixel #A6BCEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6BCEE; -webkit-box-shadow:4px 4px  
4px 4px #A6BCEE; box-shadow:4px 4px 4px  
4px #A6BCEE }
```

Background

The CSS property to change the background color of an element to Hex A6BCEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6BCEE }
```

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

```
.background{ background-color:#A6BCEE }
```

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