

Converting Colors

Hex(A6BAE6)

Have a look what the booklet for
Hex(A6BAE6) contains.

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Color

Hex(A6BAE6)

Conversions

Conversions Part 1

Format	Color
Hex	A6BAE6
RGB	166, 186, 230
RGB Percent	65%, 73%, 90%
CMY	0.3490, 0.2706, 0.0980
CMYK	0.28, 0.19, 0.00, 0.10
HSL	221°, 56%, 78%
HSV	221°, 28%, 90%
XYZ	47.5677, 48.9380, 81.8018
YIQ	185.0360, -26.0440, 9.4440

Conversions

Conversions Part 2

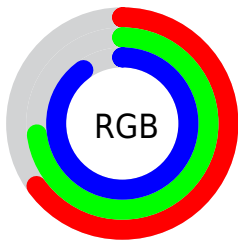
Format	Color
RYB	166, 181, 230
Decimal	10926822
CIELab	75.41, 2.95, -24.21
CIELCh	75, 24.387, 276.955
Yxy	48.9380, 0.2668, 0.2745
Android (android.graphics.Color)	4289116902 (0xFFA6BAE6)
YUV	185.0360, 22.1673, -16.6946
Hunter-Lab	69.9557, -1.0479, -20.3610

Details

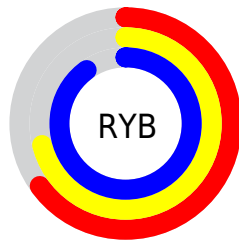
The Hex color **A6BAE6** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E6D2A6**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **DEF2FF**, and **7185AE** is the 20% darker color. If you saturate the color by 10%, you get **8FAAE6**, and if you desaturate by 10%, it is **BDCAE6**.

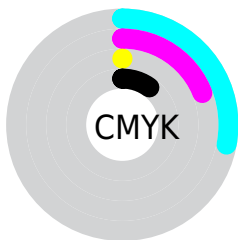
Distribution



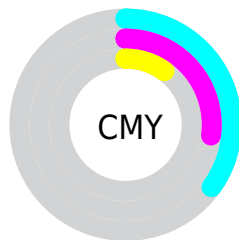
- Red (65%)
- Green (73%)
- Blue (90%)



- Red (65%)
- Yellow (71%)
- Blue (90%)



- Cyan (28%)
- Magenta (19%)
- Yellow (0%)
- Black (10%)



- Cyan (35%)
- Magenta (27%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6BAE6 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 A6BAE6 by changing the saturation by 10% instead.

 A6BAE6

 A6BAE6

FFFFFF

 8B9FCA

 DEF2FF

 7185AE

 FBFFFF

 576C94

 3E547A

 243D61

 072749

 001332

 00021D

 000000

 A6BAE6

 A6BAE6

 8FAAE6

 BDCAE6

 789AE6

 D4DAE6

 618BE6

 EBE9E6

 4A7BE6

 FFF9E6

 336BE6

 FFFFE6

 1C5BE6

 054BE6

 0048E6

Harmonies

Analogous

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



89C1E2



A6BAE6



C4B2DE

Triad

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



A6BAE6



E6ACA0



93C5A7

Complementary

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



A6BAE6



E6D2A6

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.



ACC195



A6BAE6



DAB291

Square

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



A6BAE6



E7AAB5



C5BA8D



7FC7BE

Rectangle

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



A6BAE6



D5AED3



C5BA8D



9BC4A1

Sweetspot

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



A6BAE6



EBF1FF



A6E6D2



737780



000000



808080

Same Dimension

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



A6BAE6



ABC5FF



B2A6E6



676B73



0038B3



001033

Inverse Universe

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



E6A6BA



FFABC5



DAE6A6



73676B



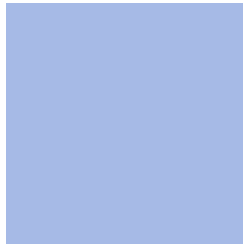
B30038



330010

Previews

White Background



This preview shows how the Hex color A6BAE6 looks on a white background.

Color Contrast Check

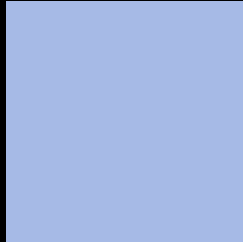
Large Text (above 18pt) WCAG AA × Fail

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 A6BAE6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

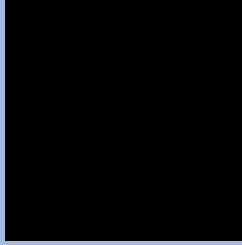
Any Text WCAG AA ✓ Pass

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 A6BAE6 Background



This preview shows how black text looks on a background with the Hex color A6BAE6.



This preview shows how white text looks on a background with the Hex color A6BAE6.

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

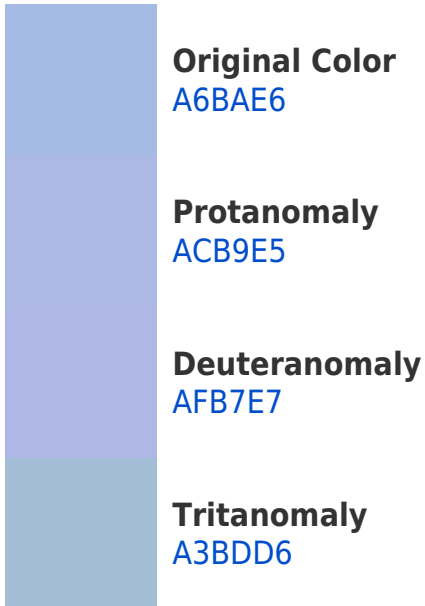


Original Color
A6BAE6

Protanopia
AFB8E4

Deuteranopia
B4B6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6BAE6 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 #A6BAE6 looks like.

```
.text, #text, p{  
    color:#A6BAE6  
}
```

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 #A6BAE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6BAE6  
}
```

Border

The CSS property to change the border of an element to Hex A6BAE6 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  
#A6BAE6 }
```

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

```
.border{ border-color:#A6BAE6 }
```

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

Here you see how a box with a 4 pixel #A6BAE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6BAE6; -webkit-box-shadow:4px 4px  
4px 4px #A6BAE6; box-shadow:4px 4px 4px  
4px #A6BAE6 }
```

Background

The CSS property to change the background color of an element to Hex A6BAE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6BAE6 }
```

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

```
.background{ background-color:#A6BAE6 }
```

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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