

# Converting Colors

Hex(A9BAE6)

Have a look what the booklet for  
Hex(A9BAE6) contains.

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# **Color**

**Hex(A9BAE6)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | A9BAE6                      |
| RGB         | 169, 186, 230               |
| RGB Percent | 66%, 73%, 90%               |
| CMY         | 0.3373, 0.2706, 0.0980      |
| CMYK        | 0.27, 0.19, 0.00, 0.10      |
| HSL         | 223°, 55%, 78%              |
| HSV         | 223°, 27%, 90%              |
| XYZ         | 48.2040, 49.2660, 81.8316   |
| YIQ         | 185.9330, -24.2560, 10.0800 |

# Conversions

## Conversions Part 2

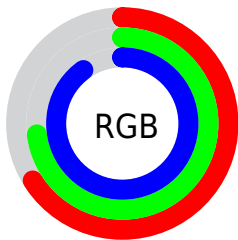
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">169, 182, 230</a>                                |
| Decimal                             | <a href="#">11123430</a>                                     |
| CIELab                              | <a href="#">75.62, 3.84, -23.88</a>                          |
| CIELCh                              | <a href="#">76, 24.184, 279.128</a>                          |
| Yxy                                 | <a href="#">49.2660, 0.2688, 0.2748</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4289313510</a><br>( <a href="#">0xFFA9BAE6</a> ) |
| YUV                                 | <a href="#">185.9330, 21.7250, -14.8502</a>                  |
| Hunter-Lab                          | <a href="#">70.1897, -0.2441, -19.9912</a>                   |

# Details

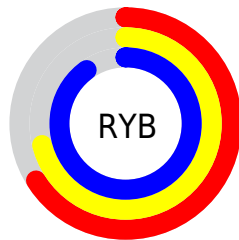
The Hex color **A9BAE6** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E6D5A9**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **E1F2FF**, and **7485AE** is the 20% darker color. If you saturate the color by 10%, you get **92A9E6**, and if you desaturate by 10%, it is **C0CBE6**.

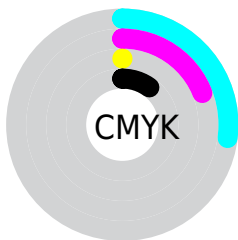
# Distribution



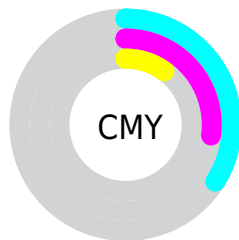
- Red (66%)
- Green (73%)
- Blue (90%)



- Red (66%)
- Yellow (71%)
- Blue (90%)



- Cyan (27%)
- Magenta (19%)
- Yellow (0%)
- Black (10%)



- Cyan (34%)
- Magenta (27%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9BAE6 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 A9BAE6 by changing the saturation by 10% instead.



 A9BAE6

 A9BAE6

FFFFFF

 8E9FCA

 E1F2FF

 7485AE

FEFFFF

 5A6C94

 41547A

 283D61

 0D2749

 001332

 00021D

 000000

 A9BAE6

 A9BAE6

 92A9E6

 C0CBE6

 7B99E6

 D7DBE6

 6488E6

 EEECE6

 4D78E6

 FFFCE6

 3667E6

 FFFF E6

 1F56E6

 0846E6

 0040E6

# Harmonies

## Analogous

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



8CC1E3



A9BAE6



C7B2DD

# Triad

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



A9BAE6



E6AD9F



92C6AA

# Complementary

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



A9BAE6



E6D5A9

# 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.



ABC197



A9BAE6



D9B491

# Square

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



A9BAE6



E8AAB4



C4BB8E



7FC7C1

# Rectangle

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



A9BAE6



D7AED2



C4BB8E



9AC5A3



# Sweetspot

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



A9BAE6



EBF0FF



A9E6D5



737680



000000



808080



# Same Dimension

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



A9BAE6



ADC4FF



B6A9E6



676A73



0032B3



000E33



# Inverse Universe

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



E6A9BA



FFADC4



D9E6A9



73676A



B30032

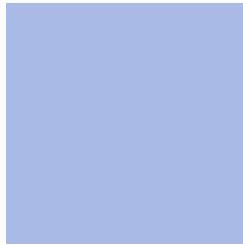


33000E



# Previews

## White Background



This preview shows how the Hex color A9BAE6 looks on a white background.

## Color Contrast Check

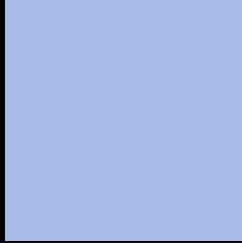
Large Text (above 18pt) WCAG AA × Fail

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 A9BAE6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

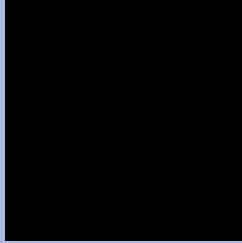
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A9BAE6 Background



This preview shows how black text looks on a background with the Hex color A9BAE6.



This preview shows how white text looks on a background with the Hex color A9BAE6.

# 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



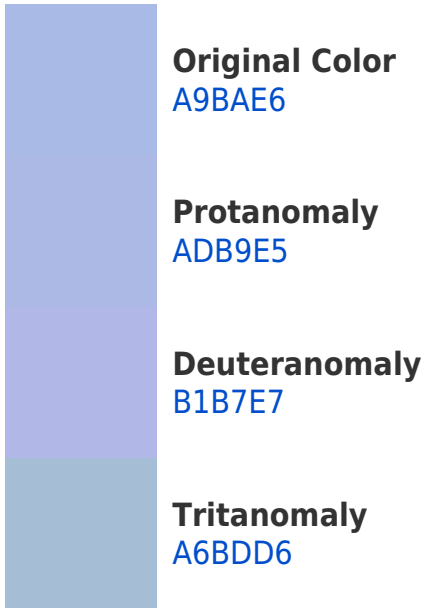
**Original Color**  
A9BAE6

**Protanopia**  
B0B8E5

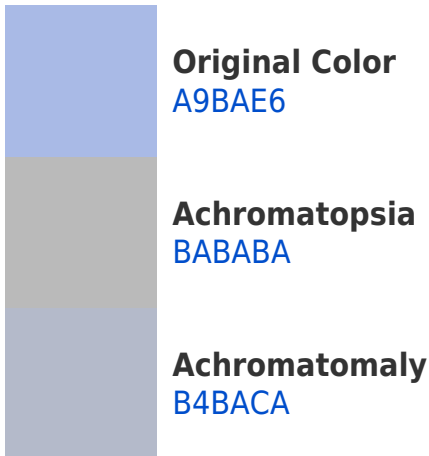
**Deuteranopia**  
B5B6E7



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9BAE6 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 #A9BAE6 looks like.

```
.text, #text, p{  
    color:#A9BAE6  
}
```

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 #A9BAE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9BAE6
}
```

## Border

The CSS property to change the border of an element to Hex A9BAE6 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
#A9BAE6 }
```

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

```
.border{ border-color:#A9BAE6 }
```

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

Here you see how a box with a 4 pixel #A9BAE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9BAE6; -webkit-box-shadow:4px 4px  
4px 4px #A9BAE6; box-shadow:4px 4px 4px  
4px #A9BAE6 }
```

# Background

The CSS property to change the background color of an element to Hex A9BAE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9BAE6 }
```

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

```
.background{ background-color:#A9BAE6 }
```

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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