

# Converting Colors

Hex(A8BEE9)

Have a look what the booklet for  
Hex(A8BEE9) contains.

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# **Color**

**Hex(A8BEE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8BEE9
RGB	168, 190, 233
RGB Percent	66%, 75%, 91%
CMY	0.3412, 0.2549, 0.0863
CMYK	0.28, 0.18, 0.00, 0.09
HSL	220°, 60%, 79%
HSV	220°, 28%, 91%
XYZ	49.2699, 51.0349, 84.3447
YIQ	188.3240, -26.9150, 8.7090

# Conversions

## Conversions Part 2

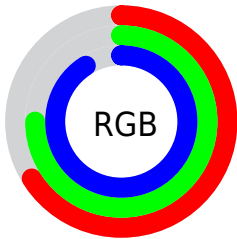
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">168, 184, 233</a>
Decimal	<a href="#">11058921</a>
CIELab	<a href="#">76.70, 2.08, -23.85</a>
CIElCh	<a href="#">77, 23.943, 274.992</a>
Yxy	<a href="#">51.0349, 0.2668, 0.2764</a>
Android (android.graphics.Color)	<a href="#">4289249001 (0xFFA8BEE9)</a>
YUV	<a href="#">188.3240, 22.0253, -17.8241</a>
Hunter-Lab	<a href="#">71.4387, -1.9099, -19.9941</a>

# Details

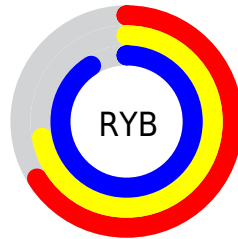
The Hex color **A8BEE9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E9D3A8**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **E0F6FF**, and **7289B1** is the 20% darker color. If you saturate the color by 10%, you get **91AFE9**, and if you desaturate by 10%, it is **BFCDE9**.

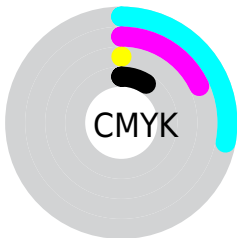
# Distribution



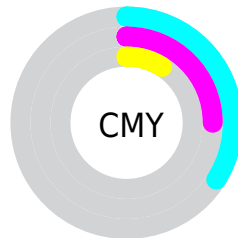
- Red (66%)
- Green (75%)
- Blue (91%)



- Red (66%)
- Yellow (72%)
- Blue (91%)



- Cyan (28%)
- Magenta (18%)
- Yellow (0%)
- Black (9%)



- Cyan (34%)
- Magenta (25%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8BEE9 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 A8BEE9 by changing the saturation by 10% instead.



 A8BEE9

 A8BEE9

FFFFFF

 8DA3CD

 E0F6FF

 7289B1

FDFFFF


 596F96

 3F577C

 264063

 092A4B

 001634

 00021F

 000002

 A8BEE9

 A8BEE9

 91AFE9

 BFCDE9

 799FE9

 D7DDE9

 6290E9

 EEECE9

 4B80E9

 FFFCE9

 3471E9

 FFFFCE9

 1C62E9

 0552E9

 004FE9

# Harmonies

## Analogous

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



8DC5E5



A8BEE9



C6B6E2

# Triad

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



A8BEE9



EAB0A5



99C8AA

# Complementary

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



A8BEE9



E9D3A8

# 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.



B2C499



A8BEE9



DEB696

# Square

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



A8BEE9



EAADBA



CABD91



85CAC0

# Rectangle

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



A8BEE9



D6B2D7



CABD91



A1C7A3

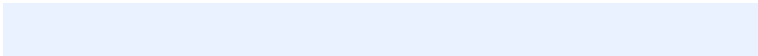


# Sweetspot

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



A8BEE9



EBF2FF



A8E9D2



737780



000000



808080



# Same Dimension

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



A8BEE9



ABC7FF



B2A8E9



6A6E75



003DB5



001236



# Inverse Universe

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



E9A8BE



FFABC7



DFE9A8



756A6E



B5003D

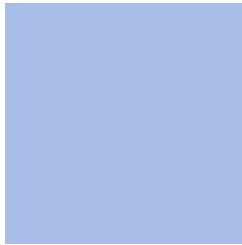


360012



# Previews

## White Background



This preview shows how the Hex color A8BEE9 looks on a white background.

## Color Contrast Check

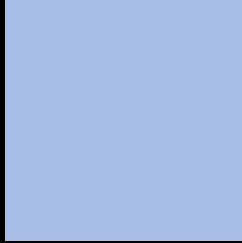
Large Text (above 18pt) WCAG AA × Fail

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 A8BEE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

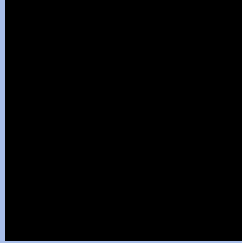
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

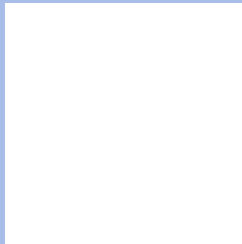
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A8BEE9 Background



This preview shows how black text looks on a background with the Hex color A8BEE9.



This preview shows how white text looks on a background with the Hex color A8BEE9.

# 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



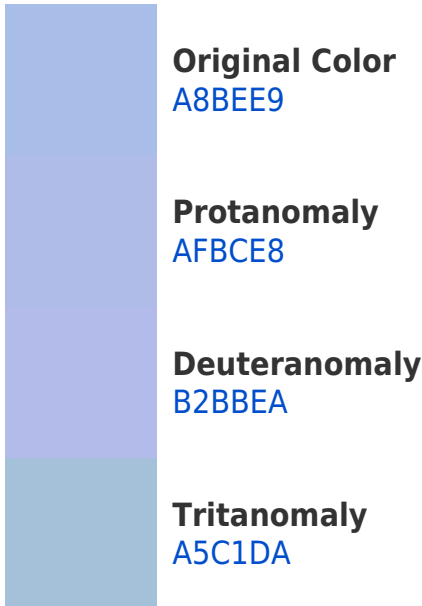
**Original Color**  
A8BEE9

**Protanopia**  
B3BBE7

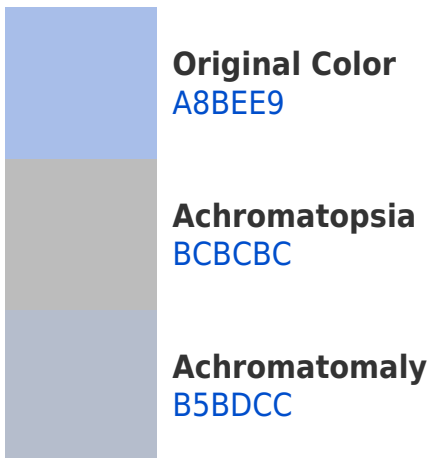
**Deuteranopia**  
B8B9EA



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8BEE9 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 #A8BEE9 looks like.

```
.text, #text, p{  
    color:#A8BEE9  
}
```

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 #A8BEE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8BEE9
}
```

## Border

The CSS property to change the border of an element to Hex A8BEE9 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
#A8BEE9 }
```

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

```
.border{ border-color:#A8BEE9 }
```

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

Here you see how a box with a 4 pixel #A8BEE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8BEE9; -webkit-box-shadow:4px 4px  
4px 4px #A8BEE9; box-shadow:4px 4px 4px  
4px #A8BEE9 }
```

# Background

The CSS property to change the background color of an element to Hex A8BEE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8BEE9 }
```

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

```
.background{ background-color:#A8BEE9 }
```

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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