

# Converting Colors

Hex(A8BECF)

Have a look what the booklet for  
Hex(A8BECF) contains.

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# **Color**

**Hex(A8BECF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A8BECF
RGB	168, 190, 207
RGB Percent	66%, 75%, 81%
CMY	0.3412, 0.2549, 0.1882
CMYK	0.19, 0.08, 0.00, 0.19
HSL	206°, 29%, 74%
HSV	206°, 19%, 81%
XYZ	45.8244, 49.6567, 66.2010
YIQ	185.3600, -18.5690, 0.6230

# Conversions

## Conversions Part 2

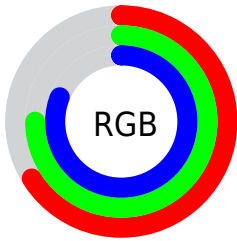
Format	Color
R <sub>Y</sub> B	168, 182, 207
Decimal	11058895
CIE Lab	75.86, -3.88, -11.06
CIE LCh	76, 11.717, 250.678
Yxy	49.6567, 0.2834, 0.3071
Android (android.graphics.Color)	4289248975 (0xFFA8BECF)
YUV	185.3600, 10.6685, -15.2247
Hunter-Lab	70.4675, -7.2413, -6.3729

# Details

The Hex color **A8BECF** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CFB9A8**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **E0F6FF**, and **738999** is the 20% darker color. If you saturate the color by 10%, you get **93B5CF**, and if you desaturate by 10%, it is **BDC7CF**.

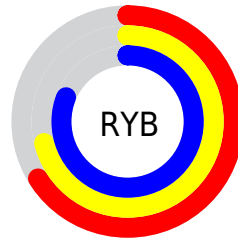
# Distribution



Red (66%)

Green (75%)

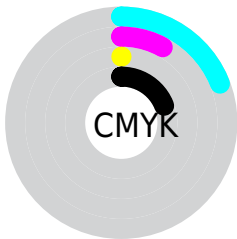
Blue (81%)



Red (66%)

Yellow (71%)

Blue (81%)

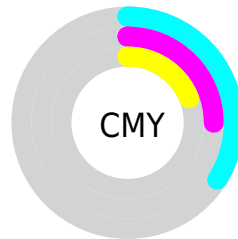


Cyan (19%)

Magenta (8%)

Yellow (0%)

Black (19%)



Cyan (34%)

Magenta (25%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8BECF 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 A8BECF by changing the saturation by 10% instead.



 A8BECF

 A8BECF

FFFFFF

 8DA3B3

 E0F6FF

 738999

 FCFFFF

 5A6F7F

 425766

 2B404E

 142A37

 001622

 00000A

 000000

 A8BECF

 A8BECF

 93B5CF

 BDC7CF

 7FACCF

 D1D0CF

 6AA3CF

 E6D9CF

 559ACF

 FBE2CF

 4091CF

 FFEBCF

 2C88CF

 FFF4CF

 177FCF

 FFFDCF

 0276CF

 FFFF CF

 0075CF

# Harmonies

## Analogous

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



A1C0C9



A8BECF



B4BBD0

# Triad

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



A8BECF



D2B4B7



B3BFAA

# Complementary

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



A8BECF



CFB9A8

# 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.



C0BBA6



A8BECF



D1B5AD

# Square

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



A8BECF



CDB4C2



CBB8A7



A8C1B3

# Rectangle

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



A8BECF



BEB8CE



CBB8A7



B8BEA8



# Sweetspot

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



A8BECF



F0F8FF



A8CFB9



777C80



000000



808080

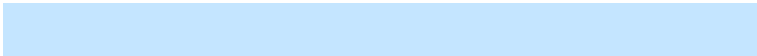


# Same Dimension

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



A8BECF



C4E5FF



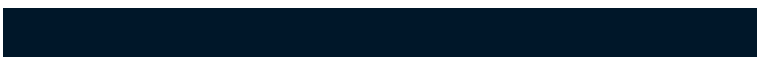
A8ABCF



5E6469



005FA8



001729



# Inverse Universe

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



CFA8BE



FFC4E5



CFCCA8



695E64



A8005F

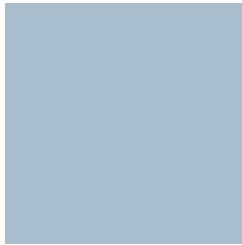


290017



# Previews

## White Background



This preview shows how the Hex color A8BECF looks on a white background.

## Color Contrast Check

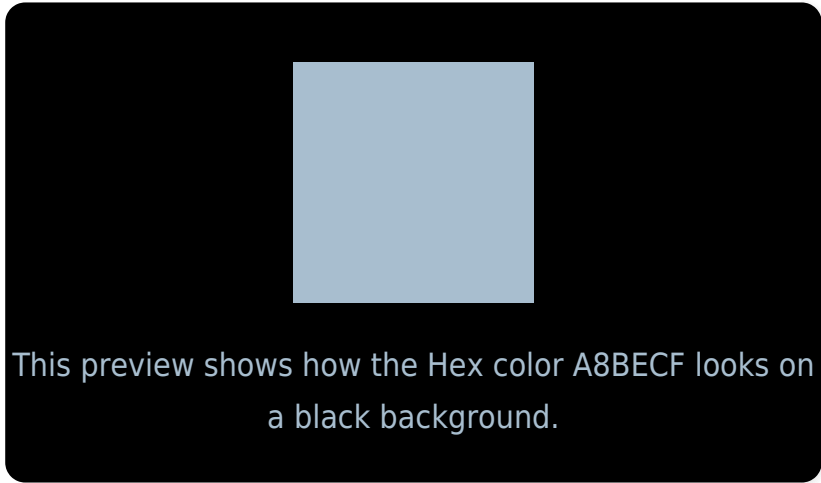
Large Text (above 18pt) WCAG AA × Fail

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

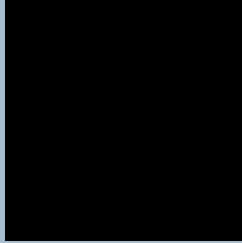
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

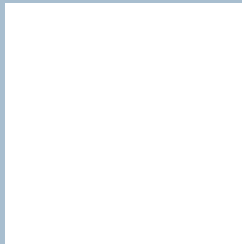
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A8BECF Background



This preview shows how black text looks on a background with the Hex color A8BECF.

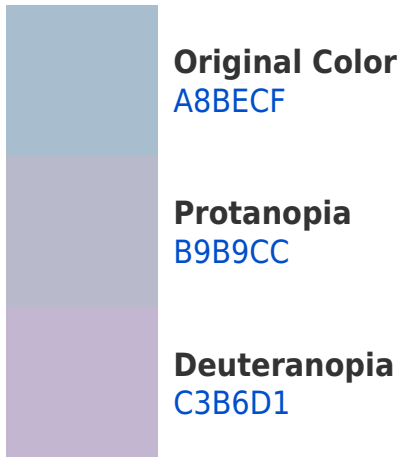


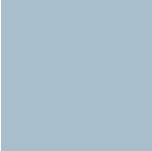
This preview shows how white text looks on a background with the Hex color A8BECF.

# 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](#).

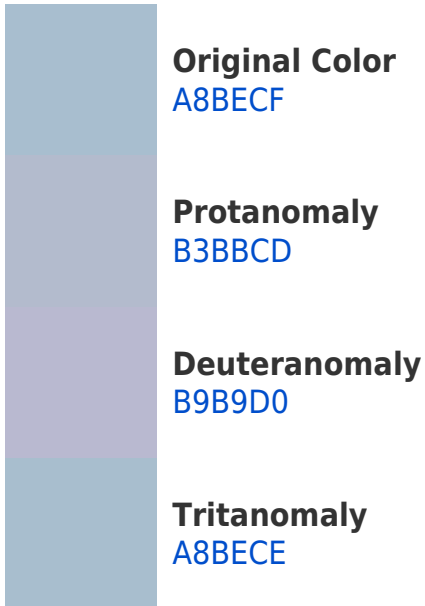
## Dichromacy





**Tritanopia**  
A8BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8BECF 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 #A8BECF looks like.

```
.text, #text, p{  
    color:#A8BECF  
}
```

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 #A8BECF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8BECF
}
```

## Border

The CSS property to change the border of an element to Hex A8BECF 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
#A8BECF }
```

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

```
.border{ border-color:#A8BECF }
```

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

Here you see how a box with a 4 pixel #A8BECF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8BECF; -webkit-box-shadow:4px 4px  
4px 4px #A8BECF; box-shadow:4px 4px 4px  
4px #A8BECF }
```

# Background

The CSS property to change the background color of an element to Hex A8BECF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8BECF }
```

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

```
.background{ background-color:#A8BECF }
```

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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