

# Converting Colors

Hex(A7BECC)

Have a look what the booklet for  
Hex(A7BECC) contains.

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# **Color**

**Hex(A7BECC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A7BECC
RGB	167, 190, 204
RGB Percent	65%, 75%, 80%
CMY	0.3451, 0.2549, 0.2000
CMYK	0.18, 0.07, 0.00, 0.20
HSL	203°, 27%, 73%
HSV	203°, 18%, 80%
XYZ	45.2489, 49.4020, 64.2774
YIQ	184.7190, -18.2020, -0.5220

# Conversions

## Conversions Part 2

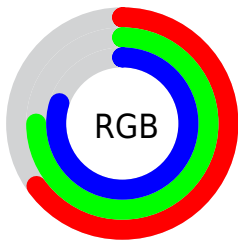
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 181, 204
Decimal	10993356
CIE Lab	75.70, -4.85, -9.67
CIE LCh	76, 10.818, 243.381
Yxy	49.4020, 0.2847, 0.3108
Android (android.graphics.Color)	4289183436 (0xFFA7BECC)
YUV	184.7190, 9.5055, -15.5396
Hunter-Lab	70.2866, -8.0873, -5.0204

# Details

The Hex color **A7BECC** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CCB5A7**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **DEF6FF**, and **738996** is the 20% darker color. If you saturate the color by 10%, you get **93B6CC**, and if you desaturate by 10%, it is **BBC6CC**.

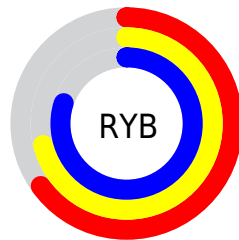
# Distribution



Red (65%)

Green (75%)

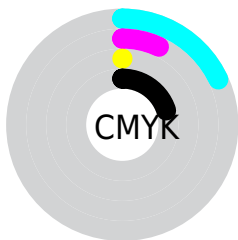
Blue (80%)



Red (65%)

Yellow (71%)

Blue (80%)

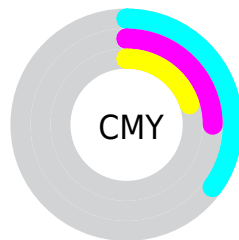


Cyan (18%)

Magenta (7%)

Yellow (0%)

Black (20%)



Cyan (35%)

Magenta (25%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7BECC 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 A7BECC by changing the saturation by 10% instead.



 A7BECC

 A7BECC

FFFFFF

 8CA3B1

 DEF6FF

 738996

 FBFFFF

 5A6F7C

 425763

 2A404B

 142A35

 00161F

 000005

 000000

 A7BECC

 A7BECC

 93B6CC

 BBC6CC

 7EAFCC

 D0CDCC

 6AA7CC

 E4D5CC

 559FCC

 F9DDCC

 4197CC

 FFE5CC

 2D90CC

 FFECCC

 1888CC

 FFF4CC

 0480CC

 FFFCCC

 007FCC

 FFFFCC

# Harmonies

## Analogous

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



A2C0C5



A7BECC



B2BBCE

# Triad

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



A7BECC



CFB4BA



B6BDAA

# Complementary

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



A7BECC



CCB5A7

# 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.



C2BAA7



A7BECC



D0B5B0

# Square

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



A7BECC



C9B5C4



CBB7A9



ABC0B1

# Rectangle

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



A7BECC



BAB9CD



CBB7A9



BABCA8



# Sweetspot

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



A7BECC



F2FAFF



A7CCB5



787D80



000000



808080

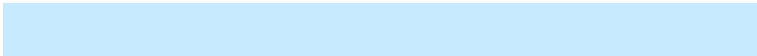


# Same Dimension

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



A7BECC



C7EAFF



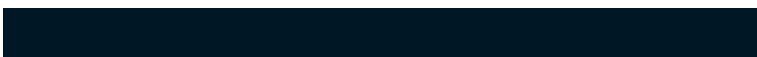
A7ACCC



5C6266



0067A6



001826



# Inverse Universe

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



CCA7BE



FFC7EA



CCC7A7



665C62



A60067

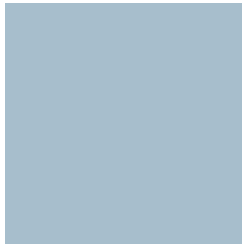


260018



# Previews

## White Background



This preview shows how the Hex color A7BECC looks on a white background.

## Color Contrast Check

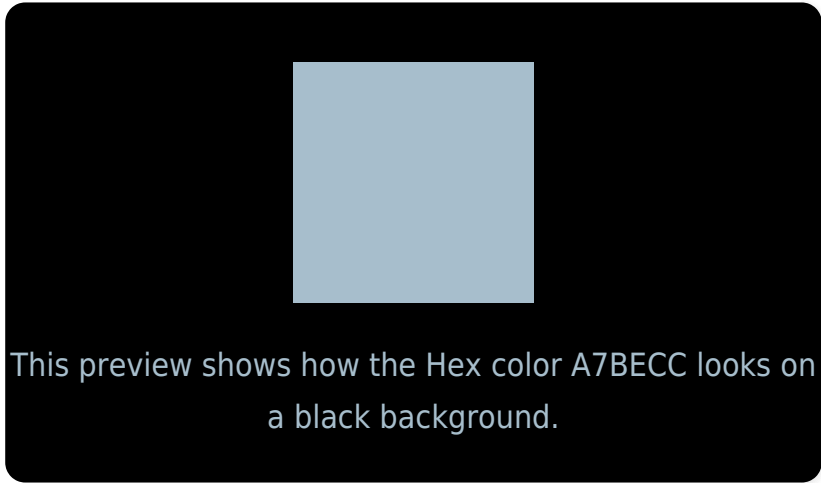
Large Text (above 18pt) WCAG AA × Fail

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

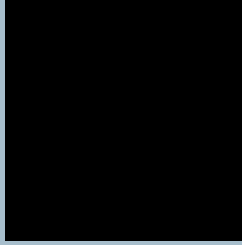
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

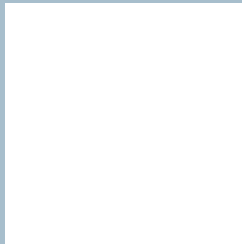
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A7BECC Background



This preview shows how black text looks on a background with the Hex color A7BECC.

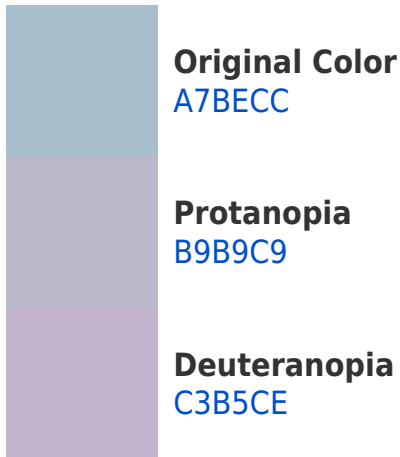


This preview shows how white text looks on a background with the Hex color A7BECC.

# Color Blindness Simulation

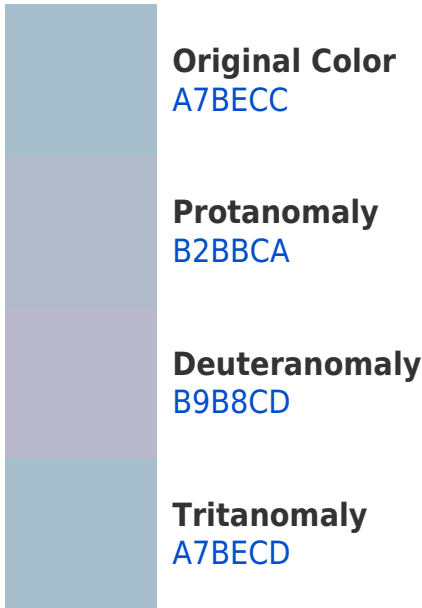
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7BECC 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 #A7BECC looks like.

```
.text, #text, p{  
    color:#A7BECC  
}
```

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 #A7BECC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7BECC
}
```

## Border

The CSS property to change the border of an element to Hex A7BECC 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
#A7BECC }
```

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

```
.border{ border-color:#A7BECC }
```

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

Here you see how a box with a 4 pixel #A7BECC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7BECC; -webkit-box-shadow:4px 4px  
4px 4px #A7BECC; box-shadow:4px 4px 4px  
4px #A7BECC }
```

# Background

The CSS property to change the background color of an element to Hex A7BECC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7BECC }
```

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

```
.background{ background-color:#A7BECC }
```

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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