

# Converting Colors

Hex(A7BFBF)

Have a look what the booklet for  
Hex(A7BFBF) contains.

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# **Color**

**Hex(A7BFBF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7BFBF
RGB	167, 191, 191
RGB Percent	65%, 75%, 75%
CMY	0.3451, 0.2510, 0.2510
CMYK	0.13, 0.00, 0.00, 0.25
HSL	180°, 16%, 70%
HSV	180°, 13%, 75%
XYZ	43.9711, 49.2387, 56.4767
YIQ	183.8240, -14.3040, -5.0880

# Conversions

## Conversions Part 2

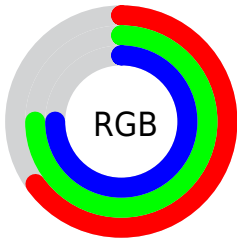
Format	Color
<a href="#">RYB</a>	<a href="#">167, 179, 191</a>
Decimal	<a href="#">10993599</a>
CIELab	<a href="#">75.60, -8.12, -2.76</a>
CIElCh	<a href="#">76, 8.578, 198.795</a>
Yxy	<a href="#">49.2387, 0.2938, 0.3289</a>
Android (android.graphics.Color)	<a href="#">4289183679</a> ( <a href="#">0xFFA7BFBF</a> )
YUV	<a href="#">183.8240, 3.5378, -14.7546</a>
Hunter-Lab	<a href="#">70.1703, -10.9437, 1.3995</a>

# Details

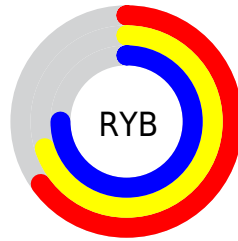
The Hex color **A7BFBF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BFA7A7**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **DEF7F7**, and **738A8A** is the 20% darker color. If you saturate the color by 10%, you get **94BFBF**, and if you desaturate by 10%, it is **BABFBF**.

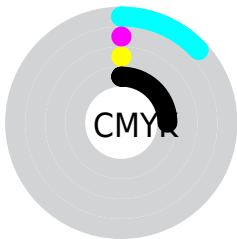
# Distribution



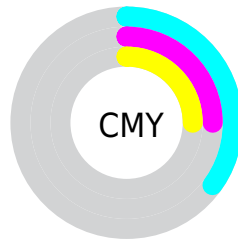
- Red (65%)
- Green (75%)
- Blue (75%)



- Red (65%)
- Yellow (70%)
- Blue (75%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)



- Cyan (35%)
- Magenta (25%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7BFBF 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 A7BFBF by changing the saturation by 10% instead.





A7BFBF



A7BFBF

FFFFFF



8CA4A4



DEF7F7



738A8A



FBFFFF



5A7070



425858



2C4041



162A2B



001616



000000



A7BFBF



A7BFBF

94BFBF

BABFBF

81BFBF

CDBFBF

6EBFBF

E0BFBF

5BBFBF

F3BFBF

48BFBF

FFBFBF

34BFBF

21BFBF

0EBFBF

00BFBF

# Harmonies

## Analogous

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



A8BFB7



A7BFBF



A8BEC6

# Triad

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



A7BFBF



C2B7C5



C4B9AB

# Complementary

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



A7BFBF



BFA7A7

# 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.



CAB6AF



A7BFBF



C9B5BE

# Square

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



A7BFBF



B8B9C9



CCB5B5



BCBBAB

# Rectangle

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



A7BFBF



ACBDC9



CCB5B5



C6B8AC



# Sweetspot

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



A7BFBF



EDF7F7



A7BFA7



777D7D



FCFCFC



7D7D7D



# Same Dimension

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



A7BFBF



D2F7F7



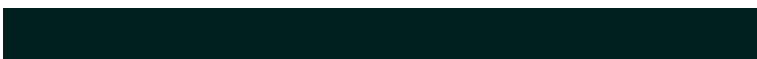
A7B3BF



555E5E



009E9E



001F1F



# Inverse Universe

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



BFA7BF



F7D2F7



BFB3A7



5E555E



9E009E

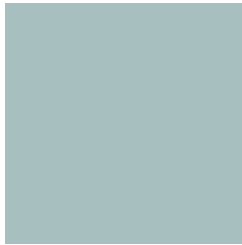


1F001F



# Previews

## White Background



This preview shows how the Hex color A7BFBF looks on a white background.

## Color Contrast Check

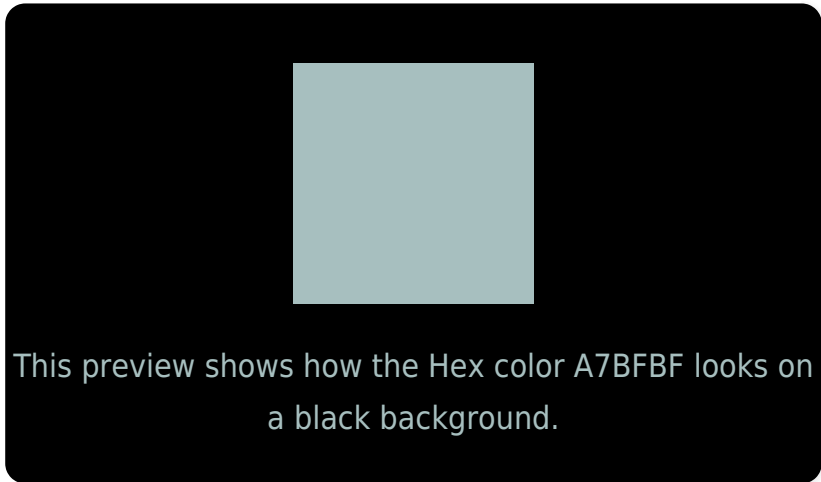
Large Text (above 18pt) WCAG AA × Fail

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

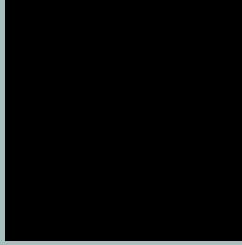
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

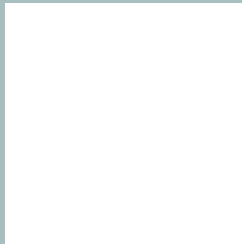
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A7BFBF Background



This preview shows how black text looks on a background with the Hex color A7BFBF.

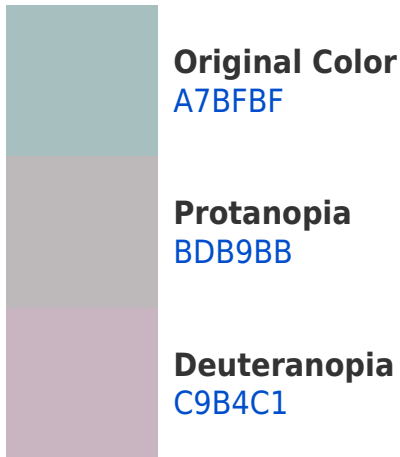


This preview shows how white text looks on a background with the Hex color A7BFBF.

# 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

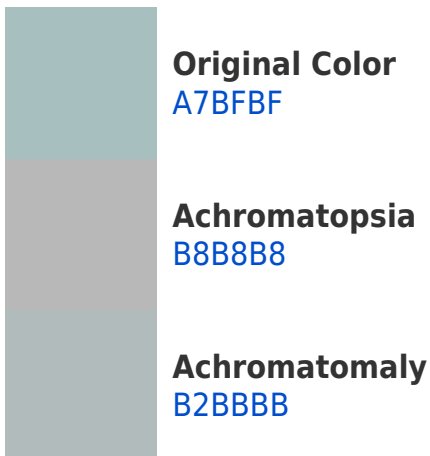




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7BFBF 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 #A7BFBF looks like.

```
.text, #text, p{  
    color:#A7BFBF  
}
```

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 #A7BFBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7BFBF
}
```

## Border

The CSS property to change the border of an element to Hex A7BFBF 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
#A7BFBF }
```

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

```
.border{ border-color:#A7BFBF }
```

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

Here you see how a box with a 4 pixel #A7BFBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7BFBF; -webkit-box-shadow:4px 4px  
4px 4px #A7BFBF; box-shadow:4px 4px 4px  
4px #A7BFBF }
```

# Background

The CSS property to change the background color of an element to Hex A7BFBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7BFBF }
```

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

```
.background{ background-color:#A7BFBF }
```

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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