

# Converting Colors

Hex(A1A7BF)

Have a look what the booklet for  
Hex(A1A7BF) contains.

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# **Color**

**Hex(A1A7BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1A7BF
RGB	161, 167, 191
RGB Percent	63%, 65%, 75%
CMY	0.3686, 0.3451, 0.2510
CMYK	0.16, 0.13, 0.00, 0.25
HSL	228°, 19%, 69%
HSV	228°, 16%, 75%
XYZ	37.9206, 38.9761, 54.8147
YIQ	167.9420, -11.2800, 6.1920

# Conversions

## Conversions Part 2

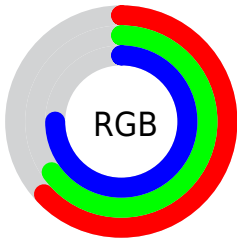
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 166, 191
Decimal	10594239
CIE <sub>Lab</sub>	68.73, 2.85, -13.01
CIE <sub>LCh</sub>	69, 13.318, 282.371
Yxy	38.9761, 0.2879, 0.2959
Android (android.graphics.Color)	4288784319 (0xFFA1A7BF)
YUV	167.9420, 11.3676, -6.0881
Hunter-Lab	62.4308, -0.8327, -8.3555

# Details

The Hex color **A1A7BF** is a light color, and the websafe version is hex **999999**. A complement of this color would be **BFB9A1**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D8DEF7**, and **6D738A** is the 20% darker color. If you saturate the color by 10%, you get **8E98BF**, and if you desaturate by 10%, it is **B4B6BF**.

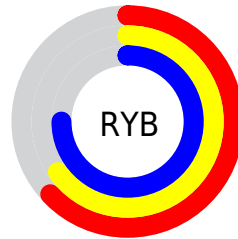
# Distribution



Red (63%)

Green (65%)

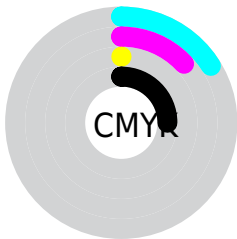
Blue (75%)



Red (63%)

Yellow (65%)

Blue (75%)

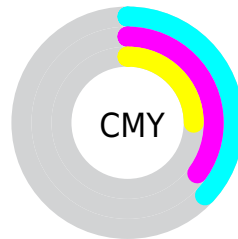


Cyan (16%)

Magenta (13%)

Yellow (0%)

Black (25%)



Cyan (37%)

Magenta (35%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1A7BF 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 A1A7BF by changing the saturation by 10% instead.



 A1A7BF

 A1A7BF

FFFFFF

 878DA4

 D8DEF7


 6D738A

 F5FBFF

 555B70

 3D4358

 272D40

 11192A

 000116

 000000

 A1A7BF

 A1A7BF

8E98BF

B4B6BF

7B88BF

C7C6BF

6879BF

DAD5BF

556ABF

EDE4BF

425BBF

FFF3BF

2E4BBF

FFFFBF

1B3CBF

082DBF

0026BF

# Harmonies

## Analogous

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



93ABBE



A1A7BF



B0A3BA

# Triad

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



A1A7BF



C0A198



92AEA0

# Complementary

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



A1A7BF



BFB9A1

# 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.



9EAC96



A1A7BF



B8A491

# Square

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



A1A7BF



C19FA3



ACA890



8AAFAC

# Rectangle

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



A1A7BF



B8A1B3



ACA890



96AE9C



# Sweetspot

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



A1A7BF



EBEDF7



A1BFB9



75777D



FCFCFC



7D7D7D



# Same Dimension

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



A1A7BF



C8D2F7



AAA1BF



55575E



00209E



00061F



# Inverse Universe

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



BFA1A7



F7C8D2



B6BFA1



5E5557



9E0020

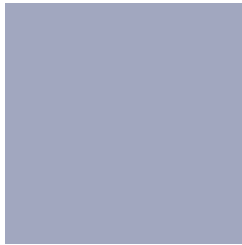


1F0006



# Previews

## White Background



This preview shows how the Hex color A1A7BF looks on a white background.

## Color Contrast Check

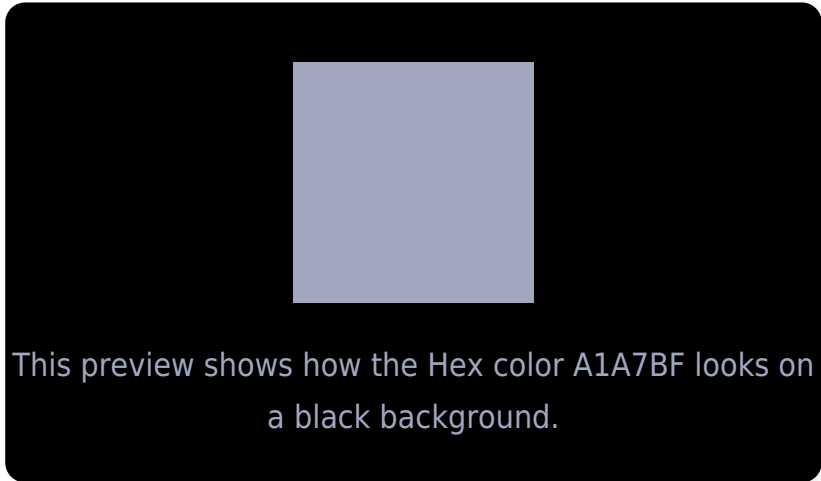
Large Text (above 18pt) WCAG AA × Fail

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

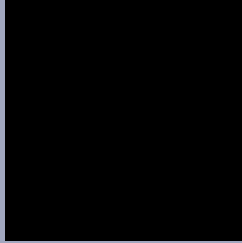
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A1A7BF Background



This preview shows how black text looks on a background with the Hex color A1A7BF.



This preview shows how white text looks on a background with the Hex color A1A7BF.

# 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**  
A1A7BF

**Protanopia**  
A4A6BF

**Deuteranopia**  
ACA3C0



**Tritanopia**  
9FA9B6

# Trichromacy



**Original Color**

A1A7BF

**Protanomaly**

A3A6BF

**Deuteranomaly**

A8A4C0

**Tritanomaly**

A0A8B9

# Monochromacy



**Original Color**

A1A7BF

**Achromatopsia**

A8A8A8

**Achromatomaly**

A5A8B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1A7BF 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 #A1A7BF looks like.

```
.text, #text, p{  
    color:#A1A7BF  
}
```

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 #A1A7BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1A7BF
}
```

## Border

The CSS property to change the border of an element to Hex A1A7BF 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
#A1A7BF }
```

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

```
.border{ border-color:#A1A7BF }
```

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

Here you see how a box with a 4 pixel #A1A7BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1A7BF; -webkit-box-shadow:4px 4px  
4px 4px #A1A7BF; box-shadow:4px 4px 4px  
4px #A1A7BF }
```

# Background

The CSS property to change the background color of an element to Hex A1A7BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1A7BF }
```

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

```
.background{ background-color:#A1A7BF }
```

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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