

# Converting Colors

Hex(A2A7BE)

Have a look what the booklet for  
Hex(A2A7BE) contains.

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# **Color**

**Hex(A2A7BE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2A7BE
RGB	162, 167, 190
RGB Percent	64%, 65%, 75%
CMY	0.3647, 0.3451, 0.2549
CMYK	0.15, 0.12, 0.00, 0.25
HSL	229°, 18%, 69%
HSV	229°, 15%, 75%
XYZ	38.0133, 39.0365, 54.2465
YIQ	168.1270, -10.3630, 6.0930

# Conversions

## Conversions Part 2

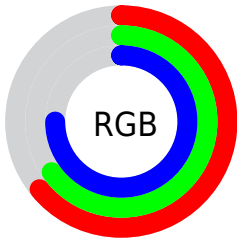
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">162, 166, 190</a>
Decimal	<a href="#">10659774</a>
CIELab	<a href="#">68.78, 2.96, -12.38</a>
CIElCh	<a href="#">69, 12.732, 283.463</a>
Yxy	<a href="#">39.0365, 0.2895, 0.2973</a>
Android (android.graphics.Color)	<a href="#">4288849854</a> (0xFFA2A7BE)
YUV	<a href="#">168.1270, 10.7834, -5.3734</a>
Hunter-Lab	<a href="#">62.4792, -0.7366, -7.7421</a>

# Details

The Hex color **A2A7BE** is a light color, and the websafe version is hex **999999**. A complement of this color would be **BEB9A2**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D9DEF6**, and **6E7389** is the 20% darker color. If you saturate the color by 10%, you get **8F97BE**, and if you desaturate by 10%, it is **B5B7BE**.

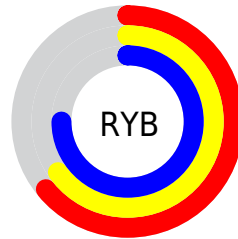
# Distribution



Red (64%)

Green (65%)

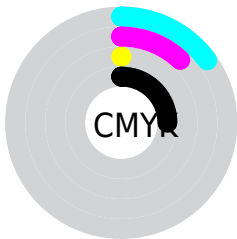
Blue (75%)



Red (64%)

Yellow (65%)

Blue (75%)

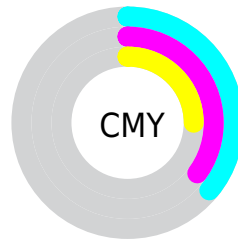


Cyan (15%)

Magenta (12%)

Yellow (0%)

Black (25%)



Cyan (36%)

Magenta (35%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2A7BE 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 A2A7BE by changing the saturation by 10% instead.



 A2A7BE

 A2A7BE

FFFFFF

 888DA3

 D9DEF6

 6E7389

 F6FBFF

 565B6F

 3E4357

 282D3F

 121929

 000115

 000000

 A2A7BE

 A2A7BE

■ 8F97BE

■ B5B7BE

■ 7C88BE

■ C8C6BE

■ 6978BE

■ DBD6BE

■ 5669BE

■ EEE5BE

■ 4359BE

■ FFF5BE

■ 3049BE

■ FFFFBE

■ 1D3ABE

■ 0A2ABE

■ 0022BE

# Harmonies

## Analogous

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



94ABBD



A2A7BE



B0A3B9

# Triad

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



A2A7BE



BFA298



92AEA1

# Complementary

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



A2A7BE



BEB9A2

# 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.



9EAC97



A2A7BE



B7A592

# Square

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



A2A7BE



C0A0A3



ACA991



8BAFAD

# Rectangle

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



A2A7BE



B8A1B2



ACA991



96AE9D



# Sweetspot

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



A2A7BE



EDEFF7



A2BEB9



77787D



FCFCFC



7D7D7D



# Same Dimension

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



A2A7BE



CBD3F7



ABA2BE



55575E



001C9E



00051F



# Inverse Universe

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



BEA2A7



F7CBD3



B5BEA2



5E5557



9E001C

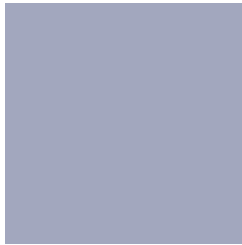


1F0005



# Previews

## White Background



This preview shows how the Hex color A2A7BE looks on a white background.

## Color Contrast Check

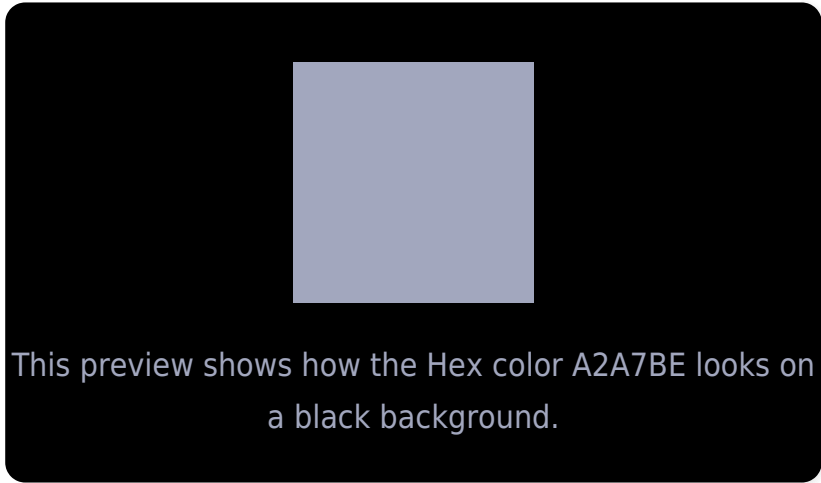
Large Text (above 18pt) WCAG AA × Fail

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

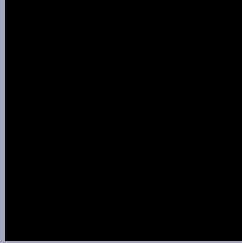
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

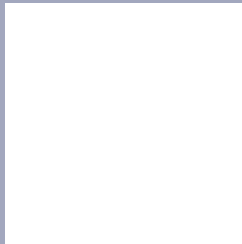
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A2A7BE Background



This preview shows how black text looks on a background with the Hex color A2A7BE.



This preview shows how white text looks on a background with the Hex color A2A7BE.

# 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**  
A2A7BE

**Protanopia**  
A4A6BE

**Deuteranopia**  
ADA3BF



**Tritanopia**  
A1A8B6

# Trichromacy



**Original Color**  
A2A7BE

**Protanomaly**  
A3A6BE

**Deuteranomaly**  
A9A4BF

**Tritanomaly**  
A1A8B9

# Monochromacy



**Original Color**  
A2A7BE

**Achromatopsia**  
A8A8A8

**Achromatomaly**  
A6A8B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2A7BE 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 #A2A7BE looks like.

```
.text, #text, p{  
    color:#A2A7BE  
}
```

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 #A2A7BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2A7BE  
}
```

## Border

The CSS property to change the border of an element to Hex A2A7BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

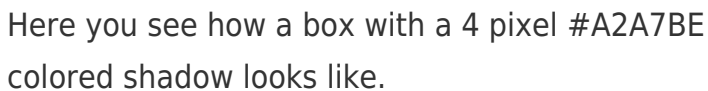
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A2A7BE }
```

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

```
.border{ border-color:#A2A7BE }
```

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



Here you see how a box with a 4 pixel #A2A7BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2A7BE; -webkit-box-shadow:4px 4px  
4px 4px #A2A7BE; box-shadow:4px 4px 4px  
4px #A2A7BE }
```

# Background

The CSS property to change the background color of an element to Hex A2A7BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2A7BE }
```

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

```
.background{ background-color:#A2A7BE }
```

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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