

# Converting Colors

Hex(A2AABA)

Have a look what the booklet for  
Hex(A2AABA) contains.

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# **Color**

**Hex(A2AABA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2AABA
RGB	162, 170, 186
RGB Percent	64%, 67%, 73%
CMY	0.3647, 0.3333, 0.2706
CMYK	0.13, 0.09, 0.00, 0.27
HSL	220°, 15%, 68%
HSV	220°, 13%, 73%
XYZ	38.1379, 39.9760, 52.1604
YIQ	169.4320, -9.9040, 3.2800

# Conversions

## Conversions Part 2

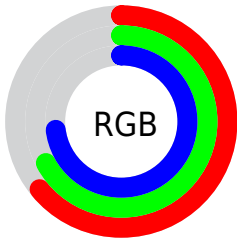
Format	Color
<a href="#">RYB</a>	<a href="#">162, 168, 186</a>
Decimal	<a href="#">10660538</a>
CIELab	<a href="#">69.45, 0.46, -9.16</a>
CIELCh	<a href="#">69, 9.171, 272.863</a>
Yxy	<a href="#">39.9760, 0.2928, 0.3069</a>
Android (android.graphics.Color)	<a href="#">4288850618</a> ( <a href="#">0xFFA2AABA</a> )
YUV	<a href="#">169.4320, 8.1680, -6.5179</a>
Hunter-Lab	<a href="#">63.2266, -2.9762, -4.6542</a>

# Details

The Hex color **A2AABA** is a light color, and the websafe version is hex **999999**. A complement of this color would be **BAB2A2**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **D9E1F2**, and **6E7685** is the 20% darker color. If you saturate the color by 10%, you get **8F9EBA**, and if you desaturate by 10%, it is **B5B6BA**.

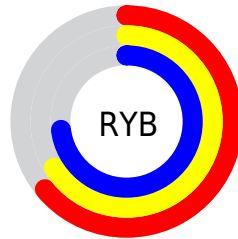
# Distribution



Red (64%)

Green (67%)

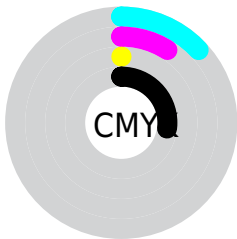
Blue (73%)



Red (64%)

Yellow (66%)

Blue (73%)

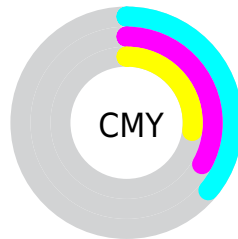


Cyan (13%)

Magenta (9%)

Yellow (0%)

Black (27%)



Cyan (36%)

Magenta (33%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2AABA 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 A2AABA by changing the saturation by 10% instead.



 A2AABA

 A2AABA

FFFFFF

 88909F

 D9E1F2

 6E7685

 F5FEFF

 565D6C

 3E4653

 282F3C

 131B27

 000112

 000000

 A2AABA

 A2AABA

8F9EBA

B5B6BA

7D91BA

C7C3BA

6A85BA

DACFBA

5878BA

ECDCBA

456CBA

FFE8BA

3260BA

FFF4BA

2053BA

FFFFBA

0D47BA

003EBA

# Harmonies

## Analogous

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



99ADB8



A2AABA



ACA7B8

# Triad

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



A2AABA



BBA5A1



9DAEA2

# Complementary

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



A2AABA



BAB2A2

# 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.



A6AC9C



A2AABA



B7A79B

# Square

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



A2AABA



BBA4A9



B0A999



97AFAA

# Rectangle

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



A2AABA



B3A6B4



B0A999



A0AD9F

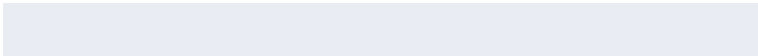


# Sweetspot

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



A2AABA



E9ECF2



A2BAB2



74767A



FAFAFA



7A7A7A



# Same Dimension

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



A2AABA



CEDAF2



A6A2BA



53565C



00349C



00091C



# Inverse Universe

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



BAA2AA



F2CEDA



B6BAA2



5C5356



9C0034

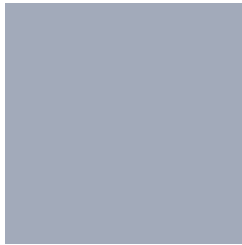


1C0009



# Previews

## White Background



This preview shows how the Hex color A2AABA looks on a white background.

## Color Contrast Check

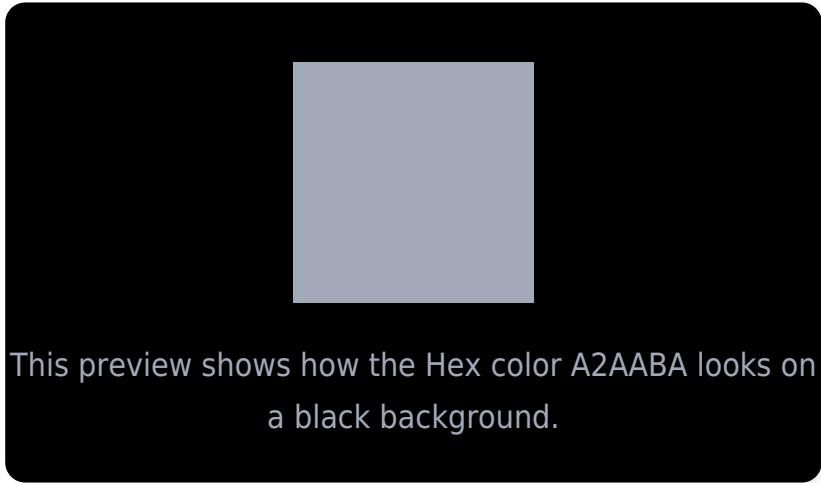
Large Text (above 18pt) WCAG AA × Fail

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

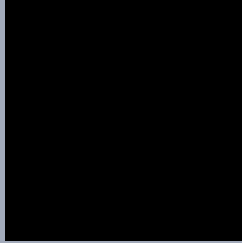
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

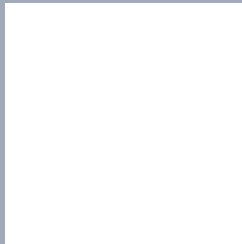
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A2AABA Background



This preview shows how black text looks on a background with the Hex color A2AABA.

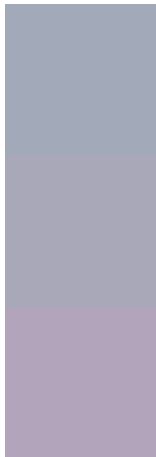


This preview shows how white text looks on a background with the Hex color A2AABA.

# 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**  
A2AABA

**Protanopia**  
A8A8B9

**Deuteranopia**  
B2A5BB



**Tritanopia**  
A2AAB8

# Trichromacy



**Original Color**

A2AABA

**Protanomaly**

A6A9B9

**Deuteranomaly**

ACA7BB

**Tritanomaly**

A2AAB9

# Monochromacy



**Original Color**

A2AABA

**Achromatopsia**

A9A9A9

**Achromatomaly**

A6A9AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2AABA 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 #A2AABA looks like.

```
.text, #text, p{  
    color:#A2AABA  
}
```

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 #A2AABA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2AABA
}
```

## Border

The CSS property to change the border of an element to Hex A2AABA 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
#A2AABA }
```

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

```
.border{ border-color:#A2AABA }
```

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

Here you see how a box with a 4 pixel #A2AABA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2AABA; -webkit-box-shadow:4px 4px  
4px 4px #A2AABA; box-shadow:4px 4px 4px  
4px #A2AABA }
```

# Background

The CSS property to change the background color of an element to Hex A2AABA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2AABA }
```

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

```
.background{ background-color:#A2AABA }
```

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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