

# Converting Colors

Hex(A2A2BD)

Have a look what the booklet for  
Hex(A2A2BD) contains.

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# **Color**

**Hex(A2A2BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2A2BD
RGB	162, 162, 189
RGB Percent	64%, 64%, 74%
CMY	0.3647, 0.3647, 0.2588
CMYK	0.14, 0.14, 0.00, 0.26
HSL	240°, 17%, 69%
HSV	240°, 14%, 74%
XYZ	37.0059, 37.1962, 53.3733
YIQ	165.0780, -8.6670, 8.3970

# Conversions

## Conversions Part 2

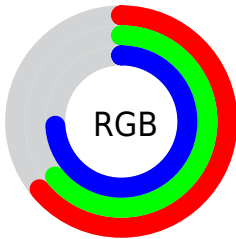
Format	Color
R <sub>YB</sub>	162, 162, 189
Decimal	10658493
CIE Lab	67.42, 5.52, -13.86
CIE LCh	67, 14.918, 291.701
Yxy	37.1962, 0.2901, 0.2916
Android (android.graphics.Color)	4288848573 (0xFFA2A2BD)
YUV	165.0780, 11.7935, -2.6994
Hunter-Lab	60.9887, 1.5778, -9.1947

# Details

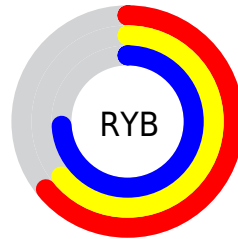
The Hex color **A2A2BD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BDBDA2**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **D9D9F5**, and **6E6E88** is the 20% darker color. If you saturate the color by 10%, you get **8F8FBD**, and if you desaturate by 10%, it is **B5B5BD**.

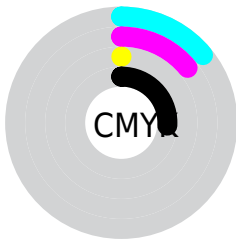
# Distribution



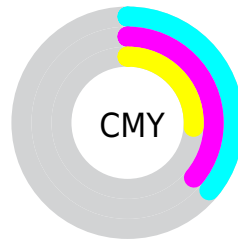
- Red (64%)
- Green (64%)
- Blue (74%)



- Red (64%)
- Yellow (64%)
- Blue (74%)



- Cyan (14%)
- Magenta (14%)
- Yellow (0%)
- Black (26%)



- Cyan (36%)
- Magenta (36%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2A2BD 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 A2A2BD by changing the saturation by 10% instead.



 A2A2BD

 A2A2BD

FFFFFF

 8888A2

 D9D9F5

 6E6E88

 F6F5FF

 56566E

 3E3F56

 28293F

 131529

 000114

 000000

 A2A2BD

 A2A2BD

8F8FBD

B5B5BD

7C7CBD

C8C8BD

6969BD

DBDBBD

5656BD

EEEEBD

4444BD

FFFFBD

3131BD

1E1EBD

0B0BBD

0000BD

# Harmonies

## Analogous

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



91A6BE



A2A2BD



B29EB5

# Triad

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



A2A2BD



BD9E90



88ACA0

# Complementary

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



A2A2BD



BDBDA2

# 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.



95AA93



A2A2BD



B3A28A

# Square

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



A2A2BD



C19B9B



A4A68B



81ACAE

# Rectangle

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



A2A2BD



BA9CAD



A4A68B



8CAB9B



# Sweetspot

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



A2A2BD



EBEBF5



A2BDBD



74747A



FAFAFA



7A7A7A



# Same Dimension

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



A2A2BD



CBCBF5



B0A2BD



5555E



00009E



00001F



# Inverse Universe

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



BDA2BD



F5CBF5



B0BDA2



5E555E



9E009E

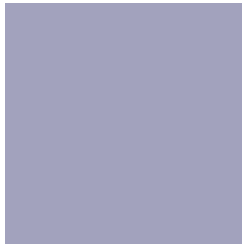


1F001F



# Previews

## White Background



This preview shows how the Hex color A2A2BD looks on a white background.

## Color Contrast Check

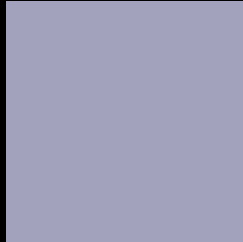
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color A2A2BD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

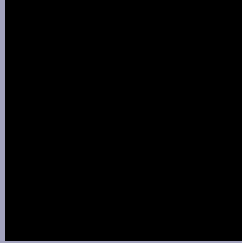
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A2A2BD Background



This preview shows how black text looks on a background with the Hex color A2A2BD.



This preview shows how white text looks on a background with the Hex color A2A2BD.

# 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**

A2A2BD

**Protanopia**

9FA3BE

**Deuteranopia**

A8A0BD



**Tritanopia**  
A0A4B1

# Trichromacy



**Original Color**  
A2A2BD

**Protanomaly**  
A0A3BE

**Deuteranomaly**  
A6A1BD

**Tritanomaly**  
A1A3B5

# Monochromacy



**Original Color**  
A2A2BD

**Achromatopsia**  
A5A5A5

**Achromatomaly**  
A4A4AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2A2BD 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 #A2A2BD looks like.

```
.text, #text, p{  
    color:#A2A2BD  
}
```

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 #A2A2BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2A2BD  
}
```

## Border

The CSS property to change the border of an element to Hex A2A2BD 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  
#A2A2BD }
```

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

```
.border{ border-color:#A2A2BD }
```

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

Here you see how a box with a 4 pixel #A2A2BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2A2BD; -webkit-box-shadow:4px 4px  
4px 4px #A2A2BD; box-shadow:4px 4px 4px  
4px #A2A2BD }
```

# Background

The CSS property to change the background color of an element to Hex A2A2BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2A2BD }
```

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

```
.background{ background-color:#A2A2BD }
```

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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