

# Converting Colors

Hex(A5A5BD)

Have a look what the booklet for  
Hex(A5A5BD) contains.

|  |    |
|--|----|
| <b>Hex(A5A5BD)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(A5A5BD)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | A5A5BD                    |
| RGB         | 165, 165, 189             |
| RGB Percent | 65%, 65%, 74%             |
| CMY         | 0.3529, 0.3529, 0.2588    |
| CMYK        | 0.13, 0.13, 0.00, 0.26    |
| HSL         | 240°, 15%, 69%            |
| HSV         | 240°, 13%, 74%            |
| XYZ         | 38.1575, 38.5837, 53.5804 |
| YIQ         | 167.7360, -7.7040, 7.4640 |

# Conversions

## Conversions Part 2

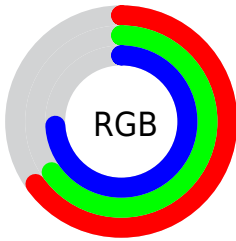
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">165, 165, 189</a>                                |
| Decimal                             | <a href="#">10855869</a>                                     |
| CIELab                              | <a href="#">68.45, 4.85, -12.30</a>                          |
| CIELCh                              | <a href="#">68, 13.219, 291.515</a>                          |
| Yxy                                 | <a href="#">38.5837, 0.2928, 0.2961</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4289045949</a><br>( <a href="#">0xFFA5A5BD</a> ) |
| YUV                                 | <a href="#">167.7360, 10.4832, -2.3995</a>                   |
| Hunter-Lab                          | <a href="#">62.1158, 0.9492, -7.6618</a>                     |

# Details

The Hex color **A5A5BD** is a light color, and the websafe version is hex **999999**. A complement of this color would be **BDBDA5**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **DCDCF5**, and **717188** is the 20% darker color. If you saturate the color by 10%, you get **9292BD**, and if you desaturate by 10%, it is **B8B8BD**.

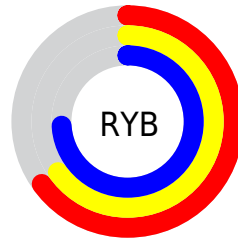
# Distribution



Red (65%)

Green (65%)

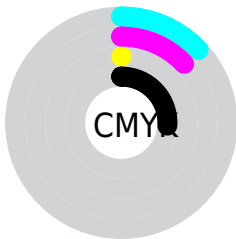
Blue (74%)



Red (65%)

Yellow (65%)

Blue (74%)

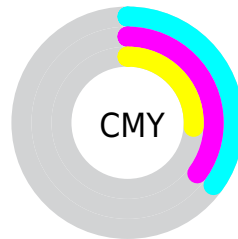


Cyan (13%)

Magenta (13%)

Yellow (0%)

Black (26%)



Cyan (35%)

Magenta (35%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5A5BD 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 A5A5BD by changing the saturation by 10% instead.



 A5A5BD

 A5A5BD

FFFFFF

 8B8BA2

 DCDCF5

 717188

 F9F8FF

 58596E

 414156

 2A2B3F

 151729

 000114

 000000

 A5A5BD

 A5A5BD

■ 9292BD

■ B8B8BD

■ 7F7FBD

■ CBCCBD

■ 6C6CBD

■ DEDEBD

■ 5959BD

■ F1F1BD

■ 4747BD

■ FFFFBD

■ 3434BD

■ 2121BD

■ 0E0EBD

■ 0000BD

# Harmonies

## Analogous

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



96A9BE



A5A5BD



B3A1B6

# Triad

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



A5A5BD



BDA195



8EAEA3

# Complementary

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



A5A5BD



BDBDA5

# 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.



9AAC98



A5A5BD



B4A590

# Square

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



A5A5BD



C19F9F



A7A991



88AEAF

# Rectangle

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



A5A5BD



BBA0AF



A7A991



91AD9F



# Sweetspot

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



A5A5BD



EBEBF5



A5BDBD



74747A



FAFAFA



7A7A7A



# Same Dimension

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



A5A5BD



D0D0F5



B1A5BD



55555E



00009E



00001F



# Inverse Universe

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



BDA5BD



F5D0F5



B1BDA5



5E555E



9E009E

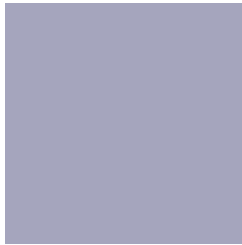


1F001F



# Previews

## White Background



This preview shows how the Hex color A5A5BD looks on a white background.

## Color Contrast Check

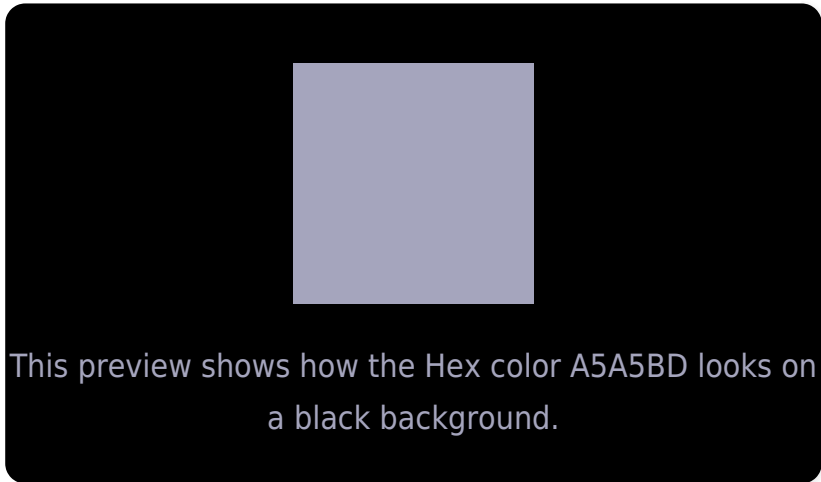
Large Text (above 18pt) WCAG AA × Fail

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

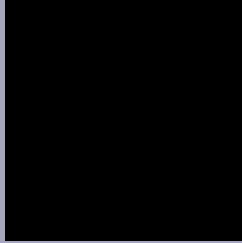
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A5A5BD Background



This preview shows how black text looks on a background with the Hex color A5A5BD.



This preview shows how white text looks on a background with the Hex color A5A5BD.

# 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**  
A5A5BD

**Protanopia**  
A3A6BD

**Deuteranopia**  
ACA3BD



**Tritanopia**  
A3A7B4

# Trichromacy



**Original Color**  
A5A5BD

**Protanomaly**  
A4A6BD

**Deuteranomaly**  
A9A4BD

**Tritanomaly**  
A4A6B7

# Monochromacy



**Original Color**  
A5A5BD

**Achromatopsia**  
A8A8A8

**Achromatomaly**  
A7A7B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5A5BD 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 #A5A5BD looks like.

```
.text, #text, p{  
    color:#A5A5BD  
}
```

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 #A5A5BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5A5BD  
}
```

## Border

The CSS property to change the border of an element to Hex A5A5BD 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  
#A5A5BD }
```

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

```
.border{ border-color:#A5A5BD }
```

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

Here you see how a box with a 4 pixel #A5A5BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5A5BD; -webkit-box-shadow:4px 4px  
4px 4px #A5A5BD; box-shadow:4px 4px 4px  
4px #A5A5BD }
```

# Background

The CSS property to change the background color of an element to Hex A5A5BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5A5BD }
```

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

```
.background{ background-color:#A5A5BD }
```

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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