

# Converting Colors

Hex(A5A5B1)

Have a look what the booklet for  
Hex(A5A5B1) contains.

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# **Color**

**Hex(A5A5B1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5A5B1
RGB	165, 165, 177
RGB Percent	65%, 65%, 69%
CMY	0.3529, 0.3529, 0.3059
CMYK	0.07, 0.07, 0.00, 0.31
HSL	240°, 7%, 67%
HSV	240°, 7%, 69%
XYZ	36.9080, 38.0839, 47.0006
YIQ	166.3680, -3.8520, 3.7320

# Conversions

## Conversions Part 2

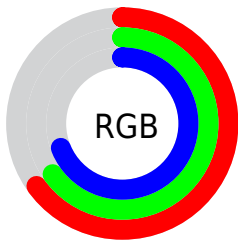
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 165, 177
Decimal	10855857
CIELab	68.08, 2.36, -6.18
CIElCh	68, 6.615, 290.860
Yxy	38.0839, 0.3025, 0.3122
Android (android.graphics.Color)	4289045937 (0xFFA5A5B1)
YUV	166.3680, 5.2416, -1.1997
Hunter-Lab	61.7122, -1.2414, -1.9574

# Details

The Hex color **A5A5B1** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B1B1A5**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **DCDCE9**, and **71717C** is the 20% darker color. If you saturate the color by 10%, you get **9393B1**, and if you desaturate by 10%, it is **B7B7B1**.

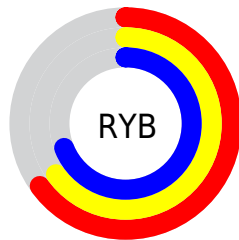
# Distribution



Red (65%)

Green (65%)

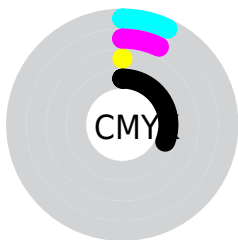
Blue (69%)



Red (65%)

Yellow (65%)

Blue (69%)

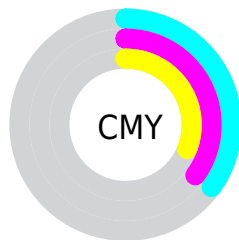


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (31%)



Cyan (35%)

Magenta (35%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5A5B1 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 A5A5B1 by changing the saturation by 10% instead.





A5A5B1



A5A5B1

FFFFFF



8B8B96



DCDCE9



71717C



F9F8FF



595964



41414C



2B2B35



171720



000007



000000



A5A5B1



A5A5B1

■ 9393B1

■ B7B7B1

■ 8282B1

■ C8C8B1

■ 7070B1

■ DADAB1

■ 5E5EB1

■ ECECB1

■ 4D4DB1

■ FEFEB1

■ 3B3BB1

■ FFFFB1

■ 2929B1

■ 1717B1

■ 0606B1

# Harmonies

## Analogous

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



9EA7B2



A5A5B1



ACA3AE

# Triad

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



A5A5B1



B2A39D



9AA9A4

# Complementary

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



A5A5B1



B1B1A5

# 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.



9FA89E



A5A5B1



ADA59A

# Square

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



A5A5B1



B3A2A2



A6A79B



97AAAA

# Rectangle

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



A5A5B1



B0A2AA



A6A79B



9CA9A2

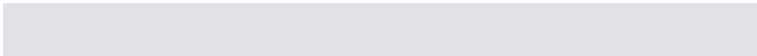


# Sweetspot

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



A5A5B1



E1E1E6



A5B1B1



707073



F2F2F2



737373



# Same Dimension

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



A5A5B1



D3D3E6



ABA5B1



505059



000099



00001A



# Inverse Universe

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



B1A5B1



E6D3E6



ABB1A5



595059



990099



1A001A



# Previews

## White Background



This preview shows how the Hex color A5A5B1 looks on a white background.

## Color Contrast Check

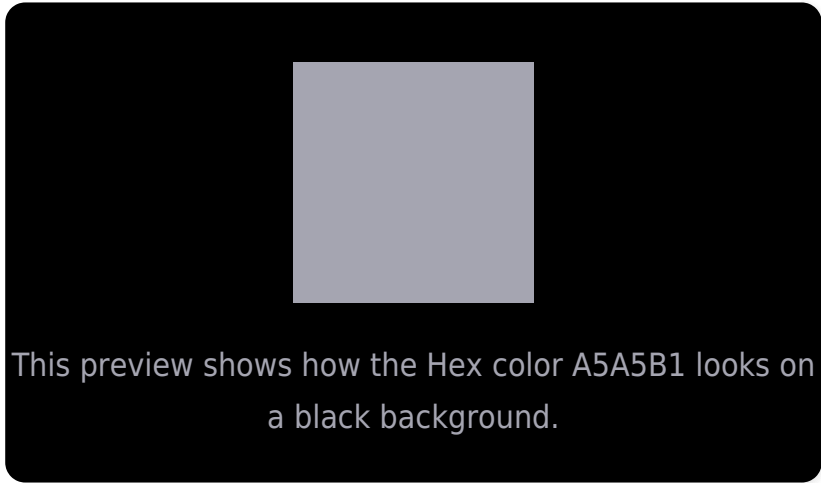
Large Text (above 18pt) WCAG AA × Fail

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

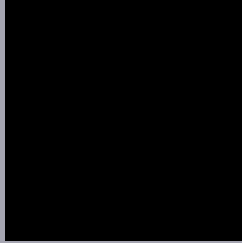
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

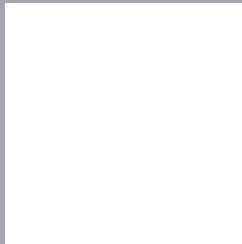
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A5A5B1 Background



This preview shows how black text looks on a background with the Hex color A5A5B1.

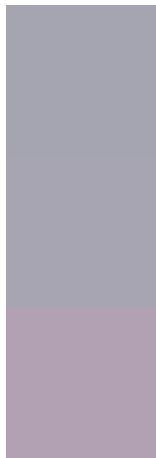


This preview shows how white text looks on a background with the Hex color A5A5B1.

# 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**  
A5A5B1

**Protanopia**  
A6A5B1

**Deuteranopia**  
B1A1B2



**Tritanopia**  
A5A5B2

# Trichromacy



**Original Color**  
A5A5B1

**Protanomaly**  
A6A5B1

**Deuteranomaly**  
ADA2B2

**Tritanomaly**  
A5A5B2

# Monochromacy



**Original Color**  
A5A5B1

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
A6A6AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5A5B1 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 #A5A5B1 looks like.

```
.text, #text, p{  
    color:#A5A5B1  
}
```

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 #A5A5B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5A5B1
}
```

## Border

The CSS property to change the border of an element to Hex A5A5B1 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
#A5A5B1 }
```

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

```
.border{ border-color:#A5A5B1 }
```

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

Here you see how a box with a 4 pixel #A5A5B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5A5B1; -webkit-box-shadow:4px 4px  
4px 4px #A5A5B1; box-shadow:4px 4px 4px  
4px #A5A5B1 }
```

# Background

The CSS property to change the background color of an element to Hex A5A5B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5A5B1 }
```

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

```
.background{ background-color:#A5A5B1 }
```

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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