

# Converting Colors

Hex(A5B1B6)

Have a look what the booklet for  
Hex(A5B1B6) contains.

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# **Color**

**Hex(A5B1B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5B1B6
RGB	165, 177, 182
RGB Percent	65%, 69%, 71%
CMY	0.3529, 0.3059, 0.2863
CMYK	0.09, 0.03, 0.00, 0.29
HSL	198°, 10%, 68%
HSV	198°, 9%, 71%
XYZ	39.6827, 42.8210, 50.4297
YIQ	173.9820, -8.7570, -0.9890

# Conversions

## Conversions Part 2

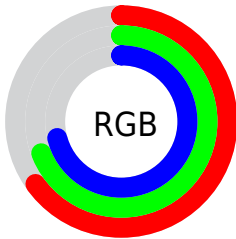
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 172, 182
Decimal	10858934
CIELab	71.43, -3.17, -3.99
CIELCh	71, 5.097, 231.589
Yxy	42.8210, 0.2985, 0.3221
Android (android.graphics.Color)	4289049014 (0xFFA5B1B6)
YUV	173.9820, 3.9529, -7.8772
Hunter-Lab	65.4378, -6.2703, 0.1145

# Details

The Hex color **A5B1B6** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B6AAA5**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **DCE9EE**, and **717C81** is the 20% darker color. If you saturate the color by 10%, you get **93ACB6**, and if you desaturate by 10%, it is **B7B6B6**.

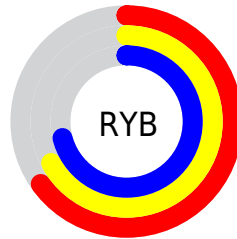
# Distribution



Red (65%)

Green (69%)

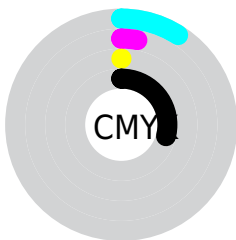
Blue (71%)



Red (65%)

Yellow (67%)

Blue (71%)

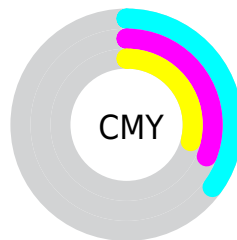


Cyan (9%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (35%)

Magenta (31%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5B1B6 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 A5B1B6 by changing the saturation by 10% instead.



 A5B1B6

 A5B1B6

FFFFFF

 8B969B

 DCE9EE

 717C81

 F9FFFF

 596468

 414C50

 2B3539

 162024

 00080E

 000000

 A5B1B6

 A5B1B6

93ACB6

B7B6B6

81A6B6

C9BCB6

6EA1B6

DCC1B6

5C9CB6

EEC6B6

4A96B6

FFCCB6

3891B6

FFD1B6

268CB6

FFD6B6

1386B6

FFDCB6

0181B6

FFE1B6

# Harmonies

## Analogous

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



A4B2B2



A5B1B6



A9B0B8

# Triad

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



A5B1B6



B8ACB0



AFB0A6

# Complementary

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



A5B1B6



B6AAA5

# 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.



B4AEA6



A5B1B6



B9ACAC

# Square

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



A5B1B6



B4ADB5



B8ADA8



AAB1A9

# Rectangle

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



A5B1B6



ACAFB8



B8ADA8



B1AFA6



# Sweetspot

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



A5B1B6



E6EBED



A5B6AA



737678



F7F7F7



787878



# Same Dimension

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



A5B1B6



D3E5ED



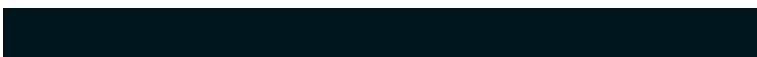
A5A9B6



53595C



006E9C



00141C



# Inverse Universe

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



B6A5B1



EDD3E5



B6B2A5



5C5359



9C006E



1C0014



# Previews

## White Background



This preview shows how the Hex color A5B1B6 looks on a white background.

## Color Contrast Check

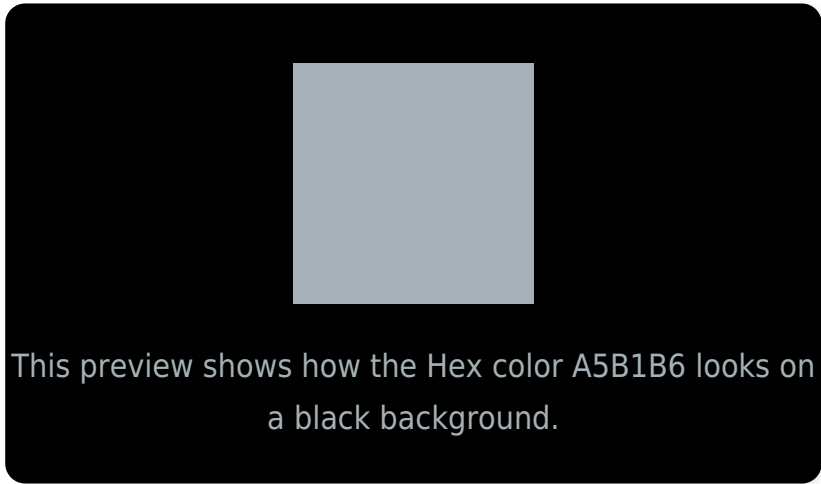
Large Text (above 18pt) WCAG AA × Fail

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

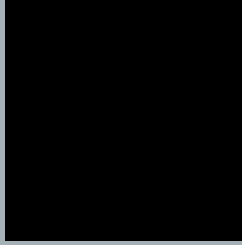
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

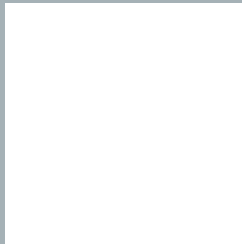
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A5B1B6 Background



This preview shows how black text looks on a background with the Hex color A5B1B6.



This preview shows how white text looks on a background with the Hex color A5B1B6.

# 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





# Trichromacy



**Original Color**  
A5B1B6

**Protanomaly**  
ACAFB5

**Deuteranomaly**  
B4ADB7

**Tritanomaly**  
A6B0BB

# Monochromacy



**Original Color**  
A5B1B6

**Achromatopsia**  
AEAEAE

**Achromatomaly**  
ABAFB1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5B1B6 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 #A5B1B6 looks like.

```
.text, #text, p{  
    color:#A5B1B6  
}
```

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 #A5B1B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5B1B6
}
```

## Border

The CSS property to change the border of an element to Hex A5B1B6 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
#A5B1B6 }
```

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

```
.border{ border-color:#A5B1B6 }
```

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

Here you see how a box with a 4 pixel #A5B1B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5B1B6; -webkit-box-shadow:4px 4px  
4px 4px #A5B1B6; box-shadow:4px 4px 4px  
4px #A5B1B6 }
```

# Background

The CSS property to change the background color of an element to Hex A5B1B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5B1B6 }
```

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

```
.background{ background-color:#A5B1B6 }
```

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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