

# Converting Colors

Hex(A5AAB5)

Have a look what the booklet for  
Hex(A5AAB5) contains.

<b>Hex(A5AAB5)</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(A5AAB5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5AAB5
RGB	165, 170, 181
RGB Percent	65%, 67%, 71%
CMY	0.3529, 0.3333, 0.2902
CMYK	0.09, 0.06, 0.00, 0.29
HSL	221°, 10%, 68%
HSV	221°, 9%, 71%
XYZ	38.2323, 40.0850, 49.4382
YIQ	169.7590, -6.5110, 2.3610

# Conversions

## Conversions Part 2

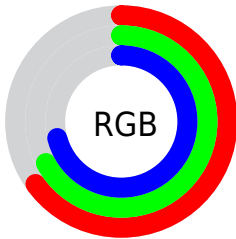
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 169, 181
Decimal	10857141
CIE <sub>Lab</sub>	69.53, 0.43, -6.25
CIE <sub>LCh</sub>	70, 6.269, 273.910
Yxy	40.0850, 0.2993, 0.3138
Android (android.graphics.Color)	4289047221 (0xFFA5AAB5)
YUV	169.7590, 5.5418, -4.1736
Hunter-Lab	63.3127, -3.0075, -1.9781

# Details

The Hex color **A5AAB5** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B5B0A5**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **DCE1ED**, and **717680** is the 20% darker color. If you saturate the color by 10%, you get **939EB5**, and if you desaturate by 10%, it is **B7B6B5**.

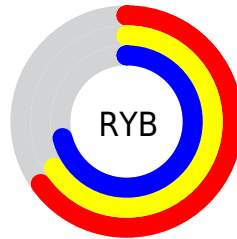
# Distribution



Red (65%)

Green (67%)

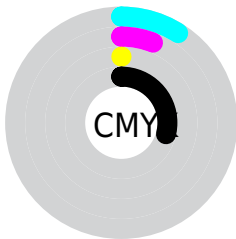
Blue (71%)



Red (65%)

Yellow (66%)

Blue (71%)

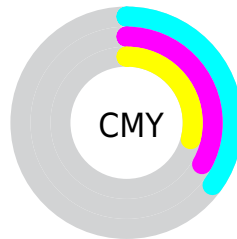


Cyan (9%)

Magenta (6%)

Yellow (0%)

Black (29%)



Cyan (35%)

Magenta (33%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5AAB5 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 A5AAB5 by changing the saturation by 10% instead.



 A5AAB5

 A5AAB5

FFFFFF

 8B909A

 DCE1ED

 717680

 F9FEFF

 595D67

 41464F

 2B2F38

 161B23

 00010D

 000000

 A5AAB5

 A5AAB5

939EB5

B7B6B5

8191B5

C9C3B5

6F85B5

DBCFB5

5D78B5

EDDCB5

4B6CB5

FFE8B5

385FB5

FFF5B5

2653B5

FFFFB5

1446B5

023AB5

# Harmonies

## Analogous

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



9FACB4



A5AAB5



ACA8B3

# Triad

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



A5AAB5



B6A6A4



A1ADA5

# Complementary

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



A5AAB5



B5B0A5

# 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.



A7ABA0



A5AAB5



B3A8A0

# Square

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



A5AAB5



B6A6A9



AEAA9F



9DADAA

# Rectangle

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



A5AAB5



B0A7B1



AEAA9F



A3ACA3

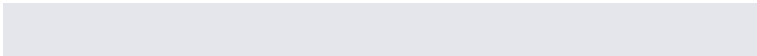


# Sweetspot

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



A5AAB5



E4E6EB



A5B5B0



717275



F5F5F5



757575



# Same Dimension

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



A5AAB5



D1D9EB



A8A5B5



505359



003099



00081A



# Inverse Universe

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



B5A5AA



EBD1D9



B2B5A5



595053



990030

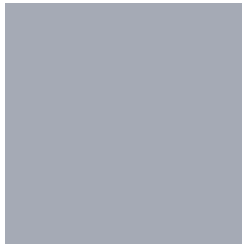


1A0008



# Previews

## White Background



This preview shows how the Hex color A5AAB5 looks on a white background.

## Color Contrast Check

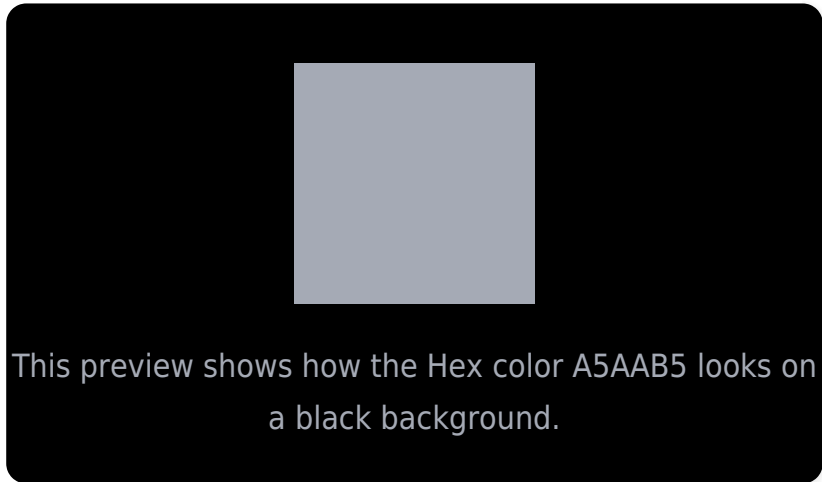
Large Text (above 18pt) WCAG AA × Fail

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

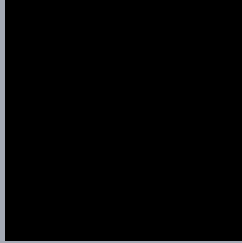
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A5AAB5 Background



This preview shows how black text looks on a background with the Hex color A5AAB5.

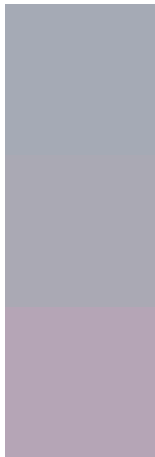


This preview shows how white text looks on a background with the Hex color A5AAB5.

# 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**  
A5AAB5

**Protanopia**  
AAA9B4

**Deuteranopia**  
B5A5B6



**Tritanopia**  
A5AAB7

# Trichromacy



**Original Color**  
A5AAB5

**Protanomaly**  
A8A9B4

**Deuteranomaly**  
AFA7B6

**Tritanomaly**  
A5AAB6

# Monochromacy



**Original Color**  
A5AAB5

**Achromatopsia**  
AAAAAA

**Achromatomaly**  
A8AAAE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5AAB5 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 #A5AAB5 looks like.

```
.text, #text, p{  
    color:#A5AAB5  
}
```

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 #A5AAB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5AAB5  
}
```

## Border

The CSS property to change the border of an element to Hex A5AAB5 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  
#A5AAB5 }
```

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

```
.border{ border-color:#A5AAB5 }
```

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

Here you see how a box with a 4 pixel #A5AAB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5AAB5; -webkit-box-shadow:4px 4px  
4px 4px #A5AAB5; box-shadow:4px 4px 4px  
4px #A5AAB5 }
```

# Background

The CSS property to change the background color of an element to Hex A5AAB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5AAB5 }
```

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

```
.background{ background-color:#A5AAB5 }
```

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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