

# Converting Colors

Hex(A5A6C0)

Have a look what the booklet for  
Hex(A5A6C0) contains.

<b>Hex(A5A6C0)</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(A5A6C0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A5A6C0
RGB	165, 166, 192
RGB Percent	65%, 65%, 75%
CMY	0.3529, 0.3490, 0.2471
CMYK	0.14, 0.14, 0.00, 0.25
HSL	238°, 18%, 70%
HSV	238°, 14%, 75%
XYZ	38.6677, 39.0775, 55.3739
YIQ	168.6650, -8.9420, 7.8740

# Conversions

## Conversions Part 2

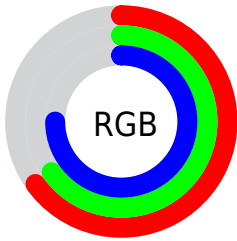
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 166, 192
Decimal	10856128
CIE <sub>Lab</sub>	68.81, 4.94, -13.42
CIE <sub>LCh</sub>	69, 14.301, 290.200
Yxy	39.0775, 0.2905, 0.2936
Android (android.graphics.Color)	4289046208 (0xFFA5A6C0)
YUV	168.6650, 11.5042, -3.2142
Hunter-Lab	62.5120, 1.0176, -8.7614

# Details

The Hex color **A5A6C0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C0BFA5**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **DCDDF8**, and **71728B** is the 20% darker color. If you saturate the color by 10%, you get **9294C0**, and if you desaturate by 10%, it is **B8B8C0**.

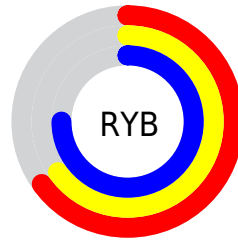
# Distribution



Red (65%)

Green (65%)

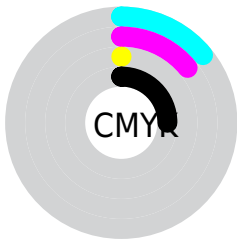
Blue (75%)



Red (65%)

Yellow (65%)

Blue (75%)

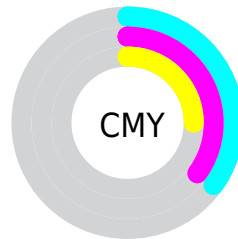


Cyan (14%)

Magenta (14%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (35%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5A6C0 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 A5A6C0 by changing the saturation by 10% instead.



 A5A6C0

 A5A6C0

FFFFFF

 8B8CA5

 DCDDF8

 71728B

 F9FAFF

 585A71

 414259

 2A2C41

 15182B

 000117

 000000

 A5A6C0

 A5A6C0

■ 9294C0

■ B8B8C0

■ 7F81C0

■ CBCBC0

■ 6B6FC0

■ DFDDC0

■ 585CC0

■ F2F0C0

■ 454AC0

■ FFFF00

■ 3237C0

■ 1F25C0

■ 0B12C0

■ 0007C0

# Harmonies

## Analogous

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



95AAC1



A5A6C0



B5A2B9

# Triad

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



A5A6C0



C0A295



8DAFA3

# Complementary

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



A5A6C0



C0BFA5

# 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.



9AAD97



A5A6C0



B6A68F

# Square

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



A5A6C0



C49F9F



A9AA90



87AFB0

# Rectangle

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



A5A6C0



BDA0B1



A9AA90



91AF9F



# Sweetspot

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



A5A6C0



F0F0FA



A5C0BF



77777D



FCFCFC



7D7D7D



# Same Dimension

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



A5A6C0



CFD1FA



B1A5C0



575861



0006A1



000121



# Inverse Universe

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



C0A5A6



FACFD1



B4C0A5



615758



A10006

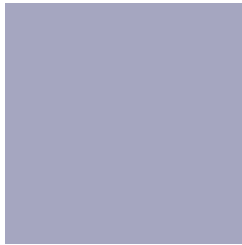


210001



# Previews

## White Background



This preview shows how the Hex color A5A6C0 looks on a white background.

## Color Contrast Check

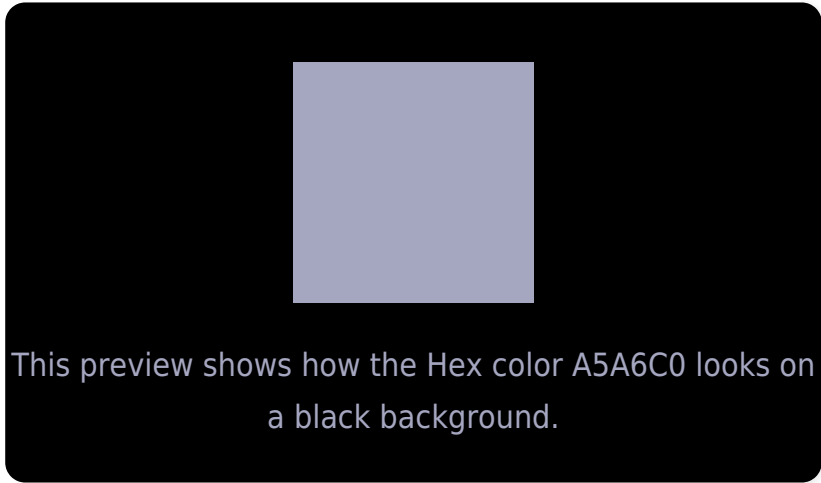
Large Text (above 18pt) WCAG AA × Fail

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

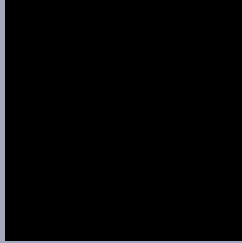
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

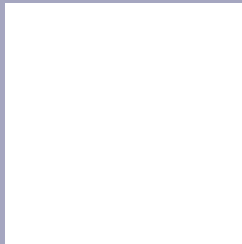
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A5A6C0 Background



This preview shows how black text looks on a background with the Hex color A5A6C0.



This preview shows how white text looks on a background with the Hex color A5A6C0.

# 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**

A5A6C0

**Protanopia**

A3A6C0

**Deuteranopia**

ACA4C0



**Tritanopia**  
A3A8B5

# Trichromacy



**Original Color**  
A5A6C0

**Protanomaly**  
A4A6C0

**Deuteranomaly**  
A9A5C0

**Tritanomaly**  
A4A7B9

# Monochromacy



**Original Color**  
A5A6C0

**Achromatopsia**  
A9A9A9

**Achromatomaly**  
A8A8B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5A6C0 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 #A5A6C0 looks like.

```
.text, #text, p{  
    color:#A5A6C0  
}
```

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 #A5A6C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5A6C0
}
```

## Border

The CSS property to change the border of an element to Hex A5A6C0 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
#A5A6C0 }
```

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

```
.border{ border-color:#A5A6C0 }
```

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

Here you see how a box with a 4 pixel #A5A6C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5A6C0; -webkit-box-shadow:4px 4px  
4px 4px #A5A6C0; box-shadow:4px 4px 4px  
4px #A5A6C0 }
```

# Background

The CSS property to change the background color of an element to Hex A5A6C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5A6C0 }
```

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

```
.background{ background-color:#A5A6C0 }
```

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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