

# Converting Colors

Hex(A5A6C5)

Have a look what the booklet for  
Hex(A5A6C5) contains.

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# **Color**

**Hex(A5A6C5)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | A5A6C5                     |
| RGB           | 165, 166, 197              |
| RGB Percent   | 65%, 65%, 77%              |
| CMY           | 0.3529, 0.3490, 0.2275     |
| CMYK          | 0.16, 0.16, 0.00, 0.23     |
| HSL           | 238°, 22%, 71%             |
| HSV           | 238°, 16%, 77%             |
| XYZ           | 39.2313, 39.3030, 58.3418  |
| YIQ           | 169.2350, -10.5470, 9.4290 |

# Conversions

## Conversions Part 2

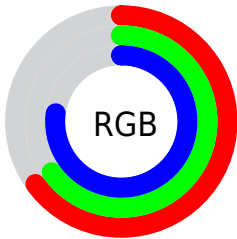
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 165, 166, 197                 |
| Decimal                             | 10856133                      |
| CIE Lab                             | 68.97, 6.03, -15.94           |
| CIE LCh                             | 69, 17.045, 290.710           |
| Yxy                                 | 39.3030, 0.2866,<br>0.2871    |
| Android<br>(android.graphics.Color) | 4289046213<br>(0xFFA5A6C5)    |
| YUV                                 | 169.2350, 13.6881,<br>-3.7141 |
| Hunter-Lab                          | 62.6921, 1.9901,<br>-11.2914  |

# Details

The Hex color **A5A6C5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C5C4A5**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **DCDDFE**, and **71728F** is the 20% darker color. If you saturate the color by 10%, you get **9193C5**, and if you desaturate by 10%, it is **B9B9C5**.

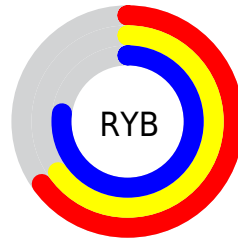
# Distribution



Red (65%)

Green (65%)

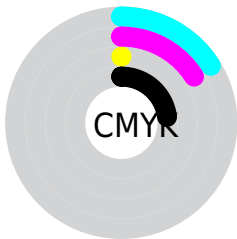
Blue (77%)



Red (65%)

Yellow (65%)

Blue (77%)

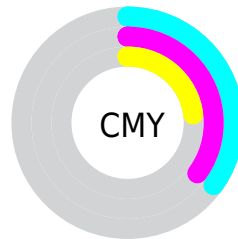


Cyan (16%)

Magenta (16%)

Yellow (0%)

Black (23%)



Cyan (35%)

Magenta (35%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5A6C5 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 A5A6C5 by changing the saturation by 10% instead.



 A5A6C5

 A5A6C5

FFFFFF

 8B8CAA

 DCDDFE

 71728F

 F9FAFF

 585A76

 40425D

 2A2C45

 14182F

 00001A

 000000

 A5A6C5

 A5A6C5

9193C5

B9B9C5

7E80C5

CCCCCC5

6A6DC5

E0DFC5

565AC5

F4F2C5

4347C5

FFFFC5

2F33C5

1B20C5

070DC5

0006C5

# Harmonies

## Analogous

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



91ABC6



A5A6C5



B8A1BC

# Triad

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



A5A6C5



C5A191



88B1A3

# Complementary

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



A5A6C5



C5C4A5

# 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.



97AF94



A5A6C5



B9A68A

# Square

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



A5A6C5



C99E9E



A9AB8B



80B1B3

# Rectangle

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



A5A6C5



C19FB3



A9AB8B



8CB09E



# Sweetspot

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



A5A6C5



F2F3FF



A5C5C4



787880



000000



808080



# Same Dimension

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



A5A6C5



CFD0FF



B4A5C5



5A5A63



0005A3



000124



# Inverse Universe

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



C5A5A6



FFCFD0



B6C5A5



635A5A



A30005



240001



# Previews

## White Background



This preview shows how the Hex color A5A6C5 looks on a white background.

## Color Contrast Check

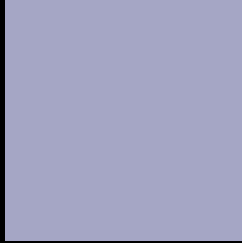
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color A5A6C5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

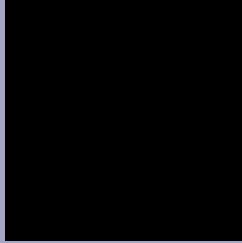
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

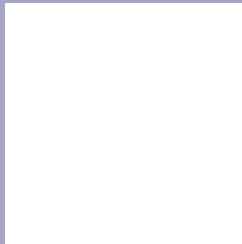
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A5A6C5 Background



This preview shows how black text looks on a background with the Hex color A5A6C5.



This preview shows how white text looks on a background with the Hex color A5A6C5.

# 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**

A5A6C5

**Protanopia**

A2A7C6

**Deuteranopia**

AAA4C5



**Tritanopia**  
A2A9B6

# Trichromacy



**Original Color**  
A5A6C5

**Protanomaly**  
A3A7C6

**Deuteranomaly**  
A8A5C5

**Tritanomaly**  
A3A8BB

# Monochromacy



**Original Color**  
A5A6C5

**Achromatopsia**  
A9A9A9

**Achromatomaly**  
A8A8B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5A6C5 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 #A5A6C5 looks like.

```
.text, #text, p{  
    color:#A5A6C5  
}
```

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 #A5A6C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5A6C5  
}
```

## Border

The CSS property to change the border of an element to Hex A5A6C5 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  
#A5A6C5 }
```

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

```
.border{ border-color:#A5A6C5 }
```

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

Here you see how a box with a 4 pixel #A5A6C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5A6C5; -webkit-box-shadow:4px 4px  
4px 4px #A5A6C5; box-shadow:4px 4px 4px  
4px #A5A6C5 }
```

# Background

The CSS property to change the background color of an element to Hex A5A6C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5A6C5 }
```

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

```
.background{ background-color:#A5A6C5 }
```

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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