

# Converting Colors

Hex(A5A6CE)

Have a look what the booklet for  
Hex(A5A6CE) contains.

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# **Color**

**Hex(A5A6CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5A6CE
RGB	165, 166, 206
RGB Percent	65%, 65%, 81%
CMY	0.3529, 0.3490, 0.1922
CMYK	0.20, 0.19, 0.00, 0.19
HSL	239°, 29%, 73%
HSV	239°, 20%, 81%
XYZ	40.2938, 39.7280, 63.9371
YIQ	170.2610, -13.4360, 12.2280

# Conversions

## Conversions Part 2

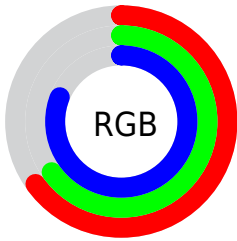
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">165, 166, 206</a>
Decimal	<a href="#">10856142</a>
CIELab	<a href="#">69.28, 8.04, -20.45</a>
CIELCh	<a href="#">69, 21.978, 291.468</a>
Yxy	<a href="#">39.7280, 0.2799, 0.2760</a>
Android (android.graphics.Color)	<a href="#">4289046222 (0xFFA5A6CE)</a>
YUV	<a href="#">170.2610, 17.6193, -4.6139</a>
Hunter-Lab	<a href="#">63.0302, 3.8085, -16.0220</a>

# Details

The Hex color **A5A6CE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CECDA5**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **DCDDFF**, and **717298** is the 20% darker color. If you saturate the color by 10%, you get **9092CE**, and if you desaturate by 10%, it is **BABACE**.

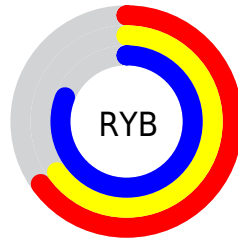
# Distribution



Red (65%)

Green (65%)

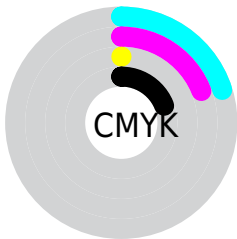
Blue (81%)



Red (65%)

Yellow (65%)

Blue (81%)

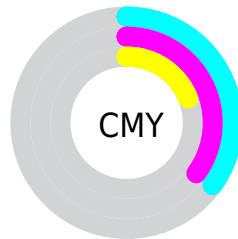


Cyan (20%)

Magenta (19%)

Yellow (0%)

Black (19%)



Cyan (35%)

Magenta (35%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5A6CE 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 A5A6CE by changing the saturation by 10% instead.



 A5A6CE

 A5A6CE

FFFFFF

 8A8CB2

 DCDDFF


 717298

 F9FAFF

 585A7E

 3F4265

 282C4C

 111836

 000020

 000005

 000000

 A5A6CE

 A5A6CE

 9092CE

 BABACE

 7C7ECE

 CECECE

 676ACE

 E3E2CE

 5356CE

 F7F6CE

 3E42CE

 FFFFCE

 292DCE

 1519CE

 0005CE

# Harmonies

## Analogous

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



8AADD0



A5A6CE



BD9FC2

# Triad

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



A5A6CE



CCA08B



7DB4A3

# Complementary

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



A5A6CE



CECDA5

# 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.



92B190



A5A6CE



BEA682

# Square

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



A5A6CE



D29B9B



A9AC84



72B4B7

# Rectangle

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



A5A6CE



C99CB6



A9AC84



84B49C



# Sweetspot

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



A5A6CE



F0F0FF



A5CECD



777780



000000



808080



# Same Dimension

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



A5A6CE



C2C3FF



B8A5CE



5C5C66



0004A6



000126



# Inverse Universe

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



CEA5A6



FFC2C3



BBCEA5



665C5C



A60004

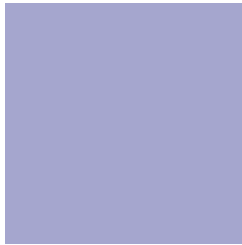


260001



# Previews

## White Background



This preview shows how the Hex color A5A6CE looks on a white background.

## Color Contrast Check

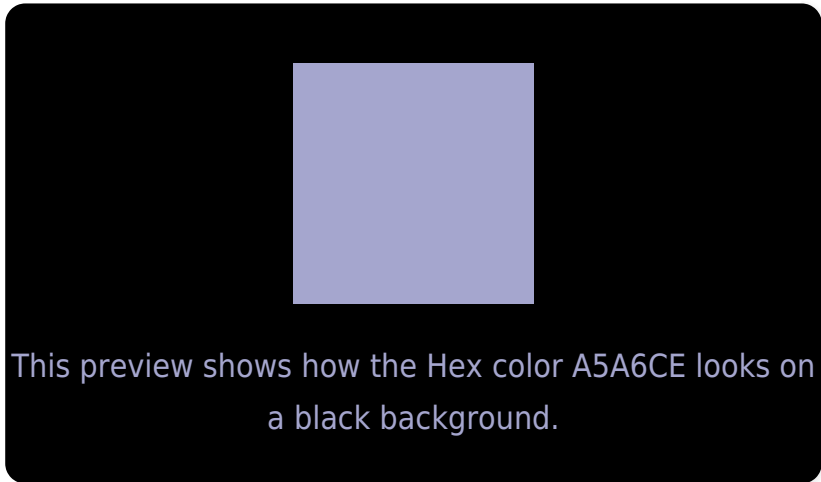
Large Text (above 18pt) WCAG AA × Fail

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

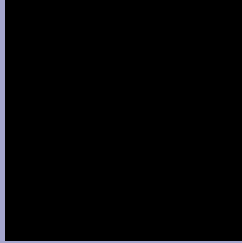
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A5A6CE Background



This preview shows how black text looks on a background with the Hex color A5A6CE.



This preview shows how white text looks on a background with the Hex color A5A6CE.

# 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**  
A5A6CE

**Protanopia**  
A0A7CF

**Deuteranopia**  
A7A5CE



**Tritanopia**  
A1AAB7

# Trichromacy



**Original Color**  
A5A6CE

**Protanomaly**  
A2A7CF

**Deuteranomaly**  
A6A5CE

**Tritanomaly**  
A2A9BF

# Monochromacy



**Original Color**  
A5A6CE

**Achromatopsia**  
AAAAAA

**Achromatomaly**  
A8A9B7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5A6CE 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 #A5A6CE looks like.

```
.text, #text, p{  
    color:#A5A6CE  
}
```

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 #A5A6CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5A6CE
}
```

## Border

The CSS property to change the border of an element to Hex A5A6CE 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
#A5A6CE }
```

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

```
.border{ border-color:#A5A6CE }
```

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

Here you see how a box with a 4 pixel #A5A6CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5A6CE; -webkit-box-shadow:4px 4px  
4px 4px #A5A6CE; box-shadow:4px 4px 4px  
4px #A5A6CE }
```

# Background

The CSS property to change the background color of an element to Hex A5A6CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5A6CE }
```

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

```
.background{ background-color:#A5A6CE }
```

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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