

# Converting Colors

Hex(A5ABD0)

Have a look what the booklet for  
Hex(A5ABD0) contains.

<b>Hex(A5ABD0)</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(A5ABD0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5ABD0
RGB	165, 171, 208
RGB Percent	65%, 67%, 82%
CMY	0.3529, 0.3294, 0.1843
CMYK	0.21, 0.18, 0.00, 0.18
HSL	232°, 31%, 73%
HSV	232°, 21%, 82%
XYZ	41.4651, 41.6792, 65.5340
YIQ	173.4240, -15.4530, 10.2350

# Conversions

## Conversions Part 2

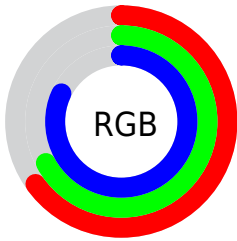
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 170, 208
Decimal	10857424
CIE <sub>Lab</sub>	70.65, 5.73, -19.47
CIE <sub>LCh</sub>	71, 20.292, 286.392
Yxy	41.6792, 0.2789, 0.2803
Android (android.graphics.Color)	4289047504 (0xFFA5ABD0)
YUV	173.4240, 17.0460, -7.3878
Hunter-Lab	64.5594, 1.6676, -14.9934

# Details

The Hex color **A5ABD0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D0CAA5**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **DCE2FF**, and **71779A** is the 20% darker color. If you saturate the color by 10%, you get **9099D0**, and if you desaturate by 10%, it is **BABDD0**.

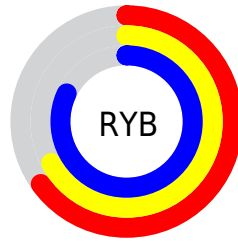
# Distribution



Red (65%)

Green (67%)

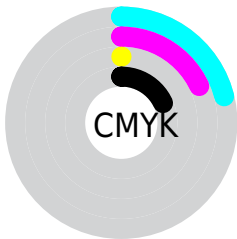
Blue (82%)



Red (65%)

Yellow (67%)

Blue (82%)

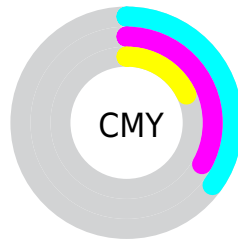


Cyan (21%)

Magenta (18%)

Yellow (0%)

Black (18%)



Cyan (35%)

Magenta (33%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5ABD0 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 A5ABD0 by changing the saturation by 10% instead.




 A5ABD0

 A5ABD0

FFFFFF

 8A91B4

 DCE2FF


 71779A

 F9FFFF

 585E80

 3F4766

 28304E

 111C37

 000022

 000008

 000000

 A5ABD0

 A5ABD0

 9099D0

 BABDD0

 7B87D0

 CFCFD0

 6775D0

 E3E1D0

 5263D0

 F8F3D0

 3D52D0

 FFFFD0

 2840D0

 132ED0

 001DD0

# Harmonies

## Analogous

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



8DB1D0



A5ABD0



BCA5C6

# Triad

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



A5ABD0



CFA393



88B7A4

# Complementary

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



A5ABD0



D0CAA5

# 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.



9BB493



A5ABD0



C3A989

# Square

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



A5ABD0



D3A0A3



B0AF89



7BB7B7

# Rectangle

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



A5ABD0



C8A2BC



B0AF89



8EB69D



# Sweetspot

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



A5ABD0



F0F2FF



A5D0CA



777880



000000



808080



# Same Dimension

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



A5ABD0



BFC8FF



B4A5D0



5E6069



0017A8



000629



# Inverse Universe

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



D0A5AB



FFBFC8



C1D0A5



695E60



A80017

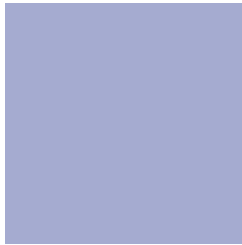


290006



# Previews

## White Background



This preview shows how the Hex color A5ABD0 looks on a white background.

## Color Contrast Check

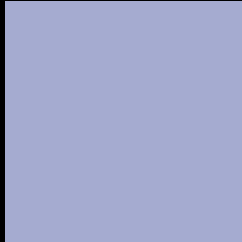
Large Text (above 18pt) WCAG AA × Fail

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 A5ABD0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

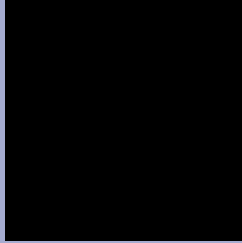
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A5ABD0 Background



This preview shows how black text looks on a background with the Hex color A5ABD0.



This preview shows how white text looks on a background with the Hex color A5ABD0.

# 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



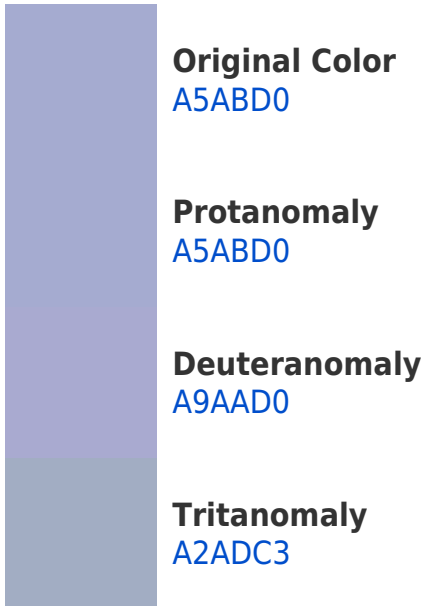
**Original Color**  
A5ABD0

**Protanopia**  
A5ABD0

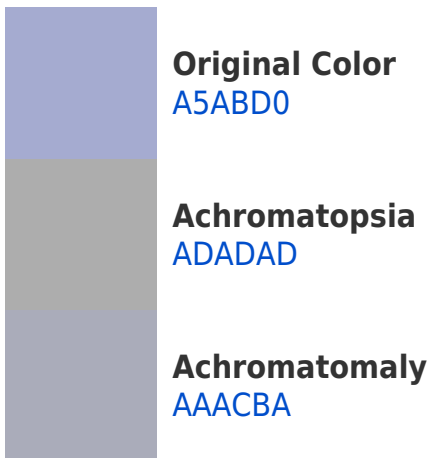
**Deuteranopia**  
ACA9D0



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5ABD0 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 #A5ABD0 looks like.

```
.text, #text, p{  
    color:#A5ABD0  
}
```

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 #A5ABD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5ABD0
}
```

## Border

The CSS property to change the border of an element to Hex A5ABD0 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
#A5ABD0 }
```

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

```
.border{ border-color:#A5ABD0 }
```

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

Here you see how a box with a 4 pixel #A5ABD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5ABD0; -webkit-box-shadow:4px 4px  
4px 4px #A5ABD0; box-shadow:4px 4px 4px  
4px #A5ABD0 }
```

# Background

The CSS property to change the background color of an element to Hex A5ABD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5ABD0 }
```

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

```
.background{ background-color:#A5ABD0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor