

# Converting Colors

Hex(A5B6D2)

Have a look what the booklet for  
Hex(A5B6D2) contains.

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# **Color**

**Hex(A5B6D2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5B6D2
RGB	165, 182, 210
RGB Percent	65%, 71%, 82%
CMY	0.3529, 0.2863, 0.1765
CMYK	0.21, 0.13, 0.00, 0.18
HSL	217°, 33%, 74%
HSV	217°, 21%, 82%
XYZ	43.8779, 46.1084, 67.5600
YIQ	180.1090, -19.1200, 5.1040

# Conversions

## Conversions Part 2

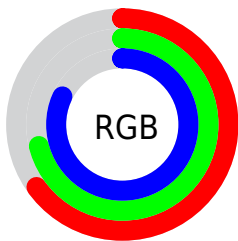
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 177, 210
Decimal	10860242
CIELab	73.62, 0.16, -16.07
CIELCh	74, 16.075, 270.557
Yxy	46.1084, 0.2785, 0.2927
Android (android.graphics.Color)	4289050322 (0xFFA5B6D2)
YUV	180.1090, 14.7363, -13.2506
Hunter-Lab	67.9031, -3.4868, -11.4581

# Details

The Hex color **A5B6D2** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D2C1A5**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **DCEEFF**, and **70819B** is the 20% darker color. If you saturate the color by 10%, you get **90A9D2**, and if you desaturate by 10%, it is **BAC3D2**.

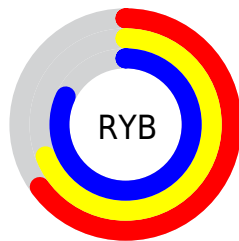
# Distribution



Red (65%)

Green (71%)

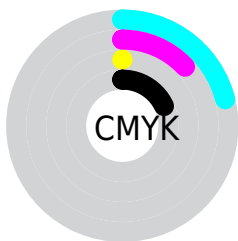
Blue (82%)



Red (65%)

Yellow (69%)

Blue (82%)

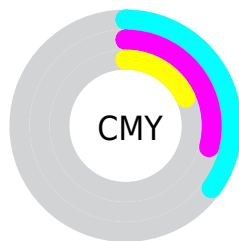


Cyan (21%)

Magenta (13%)

Yellow (0%)

Black (18%)



Cyan (35%)

Magenta (29%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5B6D2 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 A5B6D2 by changing the saturation by 10% instead.



 A5B6D2

 A5B6D2

FFFFFF

 8A9BB6

 DCEEFF

 70819B

 F9FFFF

 576881

 3F5068

 283950

 102439

 000E24

 00000C

 000000

 A5B6D2

 A5B6D2

 90A9D2

 BAC3D2

 7B9CD2

 CFD0D2

 668FD2

 E4DDD2

 5182D2

 F9EAD2

 3C75D2

 FFF7D2

 2768D2

 FFFF2

 125BD2

 004FD2

# Harmonies

## Analogous

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



95BACE



A5B6D2



B8B1CE

# Triad

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



A5B6D2



D4ACA7



9FBCA6

# Complementary

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



A5B6D2



D2C1A5

# 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.



**B0B99B**



**A5B6D2**



**CDAF9C**

# Square

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



A5B6D2



D2ABB5



C0B498



93BEB5

# Rectangle

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



A5B6D2



C4AEC8



C0B498



A5BBA2



# Sweetspot

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



A5B6D2



F0F5FF



A5D2C1



777A80



000000



808080



# Same Dimension

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



A5B6D2



BDD6FF



AAA5D2



5E6269



0040A8



000F29



# Inverse Universe

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



D2A5B6



FFBDD6



CDD2A5



695E62



A80040

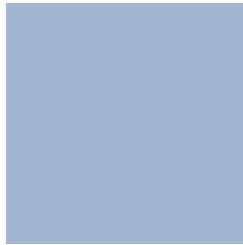


29000F



# Previews

## White Background



This preview shows how the Hex color A5B6D2 looks on a white background.

## Color Contrast Check

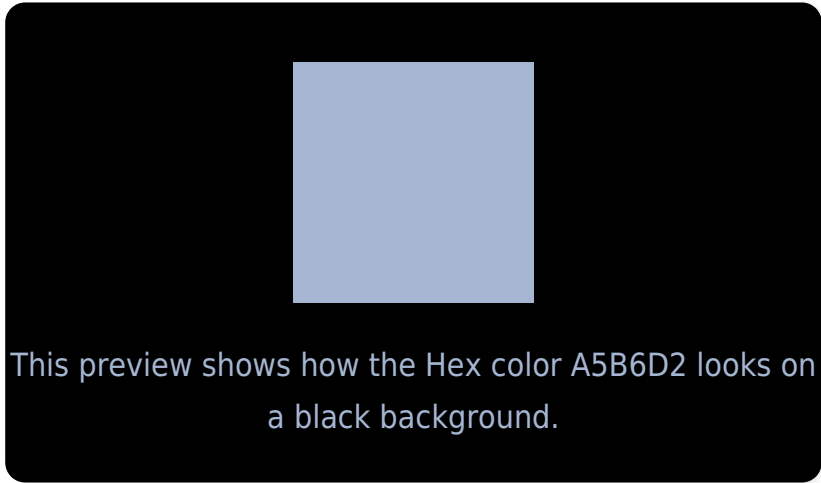
Large Text (above 18pt) WCAG AA × Fail

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

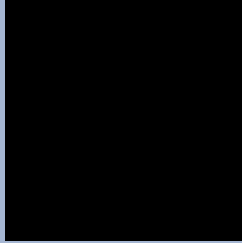
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A5B6D2 Background



This preview shows how black text looks on a background with the Hex color A5B6D2.



This preview shows how white text looks on a background with the Hex color A5B6D2.

# 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**  
A5B6D2

**Protanopia**  
AFB3D0

**Deuteranopia**  
B7B0D3



**Tritanopia**  
A3B8C7

# Trichromacy



**Original Color**  
A5B6D2

**Protanomaly**  
ABB4D1

**Deuteranomaly**  
B0B2D3

**Tritanomaly**  
A4B7CB

# Monochromacy



**Original Color**  
A5B6D2

**Achromatopsia**  
B4B4B4

**Achromatomaly**  
AFB5BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5B6D2 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 #A5B6D2 looks like.

```
.text, #text, p{  
    color:#A5B6D2  
}
```

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 #A5B6D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5B6D2
}
```

## Border

The CSS property to change the border of an element to Hex A5B6D2 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
#A5B6D2 }
```

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

```
.border{ border-color:#A5B6D2 }
```

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

Here you see how a box with a 4 pixel #A5B6D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5B6D2; -webkit-box-shadow:4px 4px  
4px 4px #A5B6D2; box-shadow:4px 4px 4px  
4px #A5B6D2 }
```

# Background

The CSS property to change the background color of an element to Hex A5B6D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5B6D2 }
```

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

```
.background{ background-color:#A5B6D2 }
```

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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