

# Converting Colors

Hex(A4ABD0)

Have a look what the booklet for  
Hex(A4ABD0) contains.

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# **Color**

**Hex(A4ABD0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4ABD0
RGB	164, 171, 208
RGB Percent	64%, 67%, 82%
CMY	0.3569, 0.3294, 0.1843
CMYK	0.21, 0.18, 0.00, 0.18
HSL	230°, 32%, 73%
HSV	230°, 21%, 82%
XYZ	41.2579, 41.5724, 65.5243
YIQ	173.1250, -16.0490, 10.0230

# Conversions

## Conversions Part 2

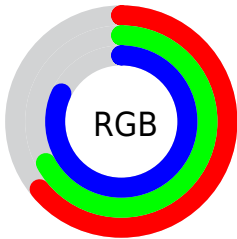
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 170, 208
Decimal	10791888
CIELab	70.58, 5.41, -19.59
CIELCh	71, 20.321, 285.449
Yxy	41.5724, 0.2781, 0.2802
Android (android.graphics.Color)	4288981968 (0xFFA4ABD0)
YUV	173.1250, 17.1934, -8.0026
Hunter-Lab	64.4767, 1.3861, -15.1197

# Details

The Hex color **A4ABD0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D0C9A4**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **DBE2FF**, and **70779A** is the 20% darker color. If you saturate the color by 10%, you get **8F9AD0**, and if you desaturate by 10%, it is **B9BCD0**.

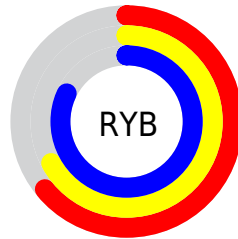
# Distribution



Red (64%)

Green (67%)

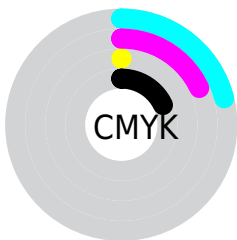
Blue (82%)



Red (64%)

Yellow (67%)

Blue (82%)

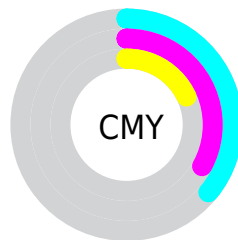


Cyan (21%)

Magenta (18%)

Yellow (0%)

Black (18%)



Cyan (36%)

Magenta (33%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4ABD0 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 A4ABD0 by changing the saturation by 10% instead.



 A4ABD0

 A4ABD0

FFFFFF

 8991B4

 DBE2FF

 70779A

 F8FFFF

 575E80

 3E4766

 27304E

 101C37

 000022

 000008

 000000

 A4ABD0

 A4ABD0

 8F9AD0


 B9BCD0

 7A88D0

 CECED0

 6677D0

 E2DFD0

 5165D0

 F7F1D0

 3C54D0

 FFFFD0

 2742D0

 1231D0

 0021D0

# Harmonies

## Analogous

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



8CB1D0



A4ABD0



BBA5C7

# Triad

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



A4ABD0



D0A393



88B7A3

# Complementary

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



A4ABD0



D0C9A4

# 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.



9CB492



A4ABD0



C3A889

# Square

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



A4ABD0



D3A0A4



B1AE89



7BB7B6

# Rectangle

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



A4ABD0



C8A2BC



B1AE89



8EB69D



# Sweetspot

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



A4ABD0



F0F2FF



A4D0C9



777880



000000



808080



# Same Dimension

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



A4ABD0



BFC9FF



B3A4D0



5E6069



001BA8



000629



# Inverse Universe

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



D0A4AB



FFBFC9



C1D0A4



695E60



A8001B

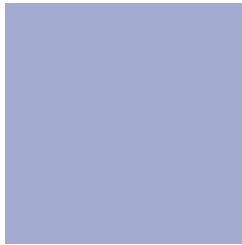


290006



# Previews

## White Background



This preview shows how the Hex color A4ABD0 looks on a white background.

## Color Contrast Check

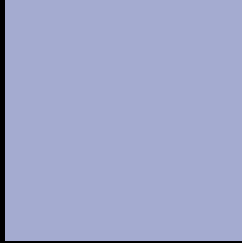
Large Text (above 18pt) WCAG AA × Fail

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 A4ABD0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

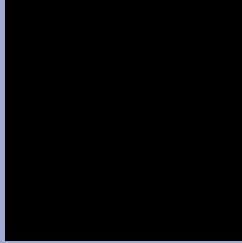
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A4ABD0 Background



This preview shows how black text looks on a background with the Hex color A4ABD0.



This preview shows how white text looks on a background with the Hex color A4ABD0.

# 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**  
A4ABD0

**Protanopia**  
A4ABD0

**Deuteranopia**  
ABA9D0



# Trichromacy



**Original Color**  
A4ABD0

**Protanomaly**  
A4ABD0

**Deuteranomaly**  
A8AAD0

**Tritanomaly**  
A1ADC3

# Monochromacy



**Original Color**  
A4ABD0

**Achromatopsia**  
ADADAD

**Achromatomaly**  
AAACBA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4ABD0 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 #A4ABD0 looks like.

```
.text, #text, p{  
    color:#A4ABD0  
}
```

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 #A4ABD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4ABD0
}
```

## Border

The CSS property to change the border of an element to Hex A4ABD0 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
#A4ABD0 }
```

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

```
.border{ border-color:#A4ABD0 }
```

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

Here you see how a box with a 4 pixel #A4ABD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4ABD0; -webkit-box-shadow:4px 4px  
4px 4px #A4ABD0; box-shadow:4px 4px 4px  
4px #A4ABD0 }
```

# Background

The CSS property to change the background color of an element to Hex A4ABD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4ABD0 }
```

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

```
.background{ background-color:#A4ABD0 }
```

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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