

# Converting Colors

Hex(A0B0D8)

Have a look what the booklet for  
Hex(A0B0D8) contains.

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# **Color**

**Hex(A0B0D8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0B0D8
RGB	160, 176, 216
RGB Percent	63%, 69%, 85%
CMY	0.3725, 0.3098, 0.1529
CMYK	0.26, 0.19, 0.00, 0.15
HSL	223°, 42%, 74%
HSV	223°, 26%, 85%
XYZ	42.4172, 43.4821, 71.1230
YIQ	175.7760, -22.3760, 9.0480

# Conversions

## Conversions Part 2

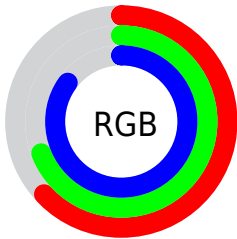
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 172, 216
Decimal	10531032
CIELab	71.88, 3.30, -22.01
CIELCh	72, 22.259, 278.520
Yxy	43.4821, 0.2701, 0.2769
Android (android.graphics.Color)	4288721112 (0xFFA0B0D8)
YUV	175.7760, 19.8304, -13.8356
Hunter-Lab	65.9410, -0.5747, -17.7907

# Details

The Hex color **A0B0D8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D8C8A0**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **D8E8FF**, and **6B7CA1** is the 20% darker color. If you saturate the color by 10%, you get **8AA1D8**, and if you desaturate by 10%, it is **B6BFD8**.

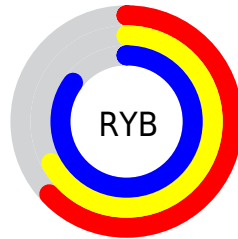
# Distribution



Red (63%)

Green (69%)

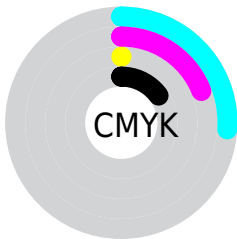
Blue (85%)



Red (63%)

Yellow (67%)

Blue (85%)

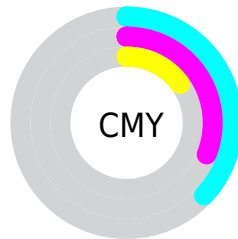


Cyan (26%)

Magenta (19%)

Yellow (0%)

Black (15%)



Cyan (37%)

Magenta (31%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0B0D8 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 A0B0D8 by changing the saturation by 10% instead.



 A0B0D8

 A0B0D8

FFFFFF

 8595BC

 D8E8FF

 6B7CA1

 F4FFFF

 526387

 394B6D

 213555

 06203E

 000728

 000112

 000000

 A0B0D8

 A0B0D8

 8AA1D8

 B6BFD8

 7591D8

 CBCFD8

 5F82D8

 E1DED8

 4A72D8

 F6EED8

 3463D8

 FFFDD8

 1E53D8

 FFFF8D

 0944D8

 003ED8

# Harmonies

## Analogous

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



86B6D5



A0B0D8



BBA9D0

# Triad

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



A0B0D8



D8A498



8CBBA1

# Complementary

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



A0B0D8



D8C8A0

# 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.



A3B790



A0B0D8



CDAA8B

# Square

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



A0B0D8



D9A2AB



BAB188



7BBCB5

# Rectangle

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



A0B0D8



CAA5C6



BAB188



93B99A



# Sweetspot

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



A0B0D8



EBF0FF



A0D8C7



737680



000000



808080



# Same Dimension

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



A0B0D8



B0C7FF



ABA0D8



60636B



0031AB



000C2B



# Inverse Universe

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



D8A0B0



FFB0C7



CDD8A0



6B6063



AB0031

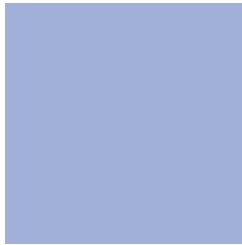


2B000C



# Previews

## White Background



This preview shows how the Hex color A0B0D8 looks on a white background.

## Color Contrast Check

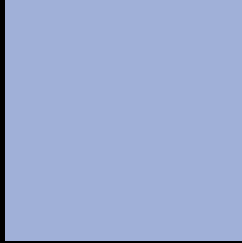
Large Text (above 18pt) WCAG AA × Fail

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 A0B0D8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

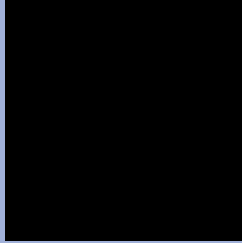
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A0B0D8 Background



This preview shows how black text looks on a background with the Hex color A0B0D8.



This preview shows how white text looks on a background with the Hex color A0B0D8.

# 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**  
A0B0D8

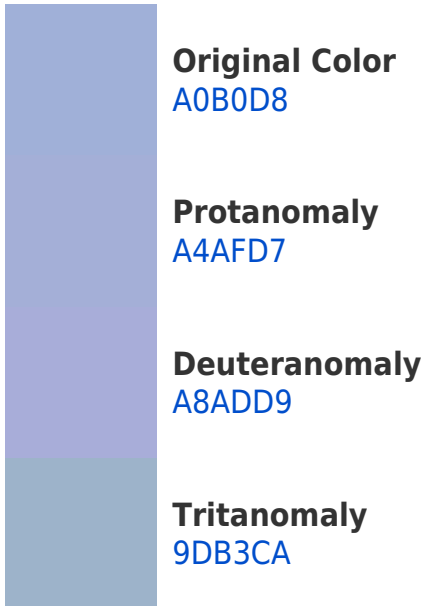
**Protanopia**  
A7AED7

**Deuteranopia**  
ACACD9

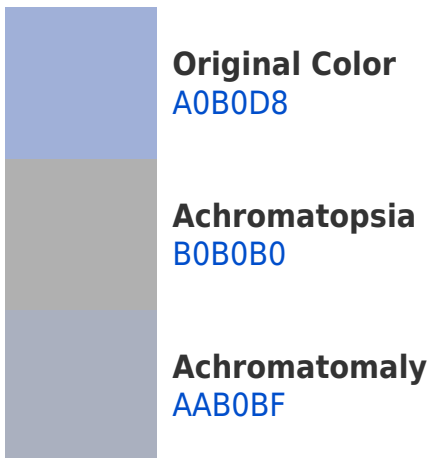


**Tritanopia**  
9CB4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0B0D8 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 #A0B0D8 looks like.

```
.text, #text, p{  
    color:#A0B0D8  
}
```

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 #A0B0D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0B0D8
}
```

## Border

The CSS property to change the border of an element to Hex A0B0D8 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
#A0B0D8 }
```

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

```
.border{ border-color:#A0B0D8 }
```

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

Here you see how a box with a 4 pixel #A0B0D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0B0D8; -webkit-box-shadow:4px 4px  
4px 4px #A0B0D8; box-shadow:4px 4px 4px  
4px #A0B0D8 }
```

# Background

The CSS property to change the background color of an element to Hex A0B0D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0B0D8 }
```

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

```
.background{ background-color:#A0B0D8 }
```

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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