

# Converting Colors

Hex(81AAD0)

Have a look what the booklet for  
Hex(81AAD0) contains.

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# **Color**

**Hex(81AAD0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81AAD0
RGB	129, 170, 208
RGB Percent	51%, 67%, 82%
CMY	0.4941, 0.3333, 0.1843
CMYK	0.38, 0.18, 0.00, 0.18
HSL	209°, 46%, 66%
HSV	209°, 38%, 82%
XYZ	34.8132, 37.9706, 65.1687
YIQ	162.0730, -36.6340, 3.1260

# Conversions

## Conversions Part 2

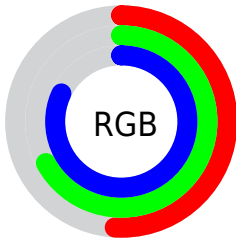
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 156, 208
Decimal	8497872
CIELab	68.00, -4.32, -23.72
CIELCh	68, 24.112, 259.676
Yxy	37.9706, 0.2524, 0.2752
Android (android.graphics.Color)	4286687952 (0xFF81AAD0)
YUV	162.0730, 22.6420, -29.0050
Hunter-Lab	61.6203, -6.9898, -19.5700

# Details

The Hex color **81AAD0** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D0A781**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **B8E1FF**, and **4C769A** is the 20% darker color. If you saturate the color by 10%, you get **6CA0D0**, and if you desaturate by 10%, it is **96B4D0**.

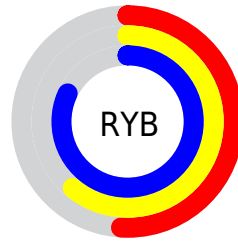
# Distribution



Red (51%)

Green (67%)

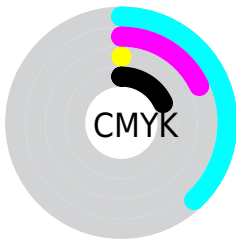
Blue (82%)



Red (51%)

Yellow (61%)

Blue (82%)

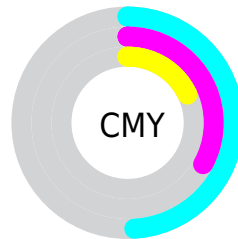


Cyan (38%)

Magenta (18%)

Yellow (0%)

Black (18%)



Cyan (49%)

Magenta (33%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81AAD0 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 81AAD0 by changing the saturation by 10% instead.



81AAD0

81AAD0

FFFFFF

6690B4

B8E1FF

4C769A

D5FEFF

315D7F

F2FFFF

124666

00304E

001B37

000222

000007

000000

81AAD0

81AAD0

6CA0D0

96B4D0

5796D0

ABBED0

438CD0

BFC8D0

2E82D0

D4D2D0

1978D0

E9DCD0

046ED0

FEE6D0

006CD0

FFF0D0

FFFAD0

FFFFD0

# Harmonies

## Analogous

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



6BAFC6



81AAD0



9FA3CE

# Triad

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



81AAD0



D29698



8EAE89

# Complementary

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



81AAD0



D0A781

# 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.



A7A97D



81AAD0



CC9B85

# Square

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



81AAD0



CC97AE



BDA27B



76B29D

# Rectangle

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



81AAD0



B29EC7



BDA27B



96AD84

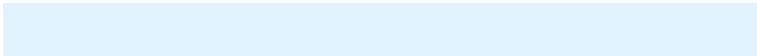


# Sweetspot

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



81AAD0



E3F2FF



81D0A6



6F7880



000000



808080

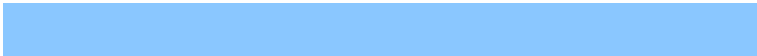


# Same Dimension

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



81AAD0



8AC7FF



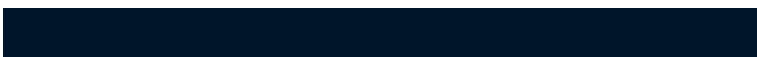
8184D0



5E6469



0057A8



001529



# Inverse Universe

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



D081AA



FF8AC7



D0CD81



695E64



A80057

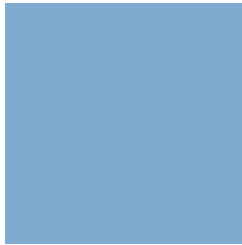


290015



# Previews

## White Background



This preview shows how the Hex color 81AAD0 looks on a white background.

## Color Contrast Check

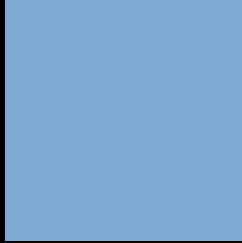
Large Text (above 18pt) WCAG AA × Fail

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 81AAD0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

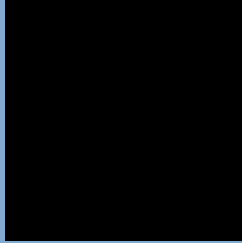
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 81AAD0 Background



This preview shows how black text looks on a background with the Hex color 81AAD0.

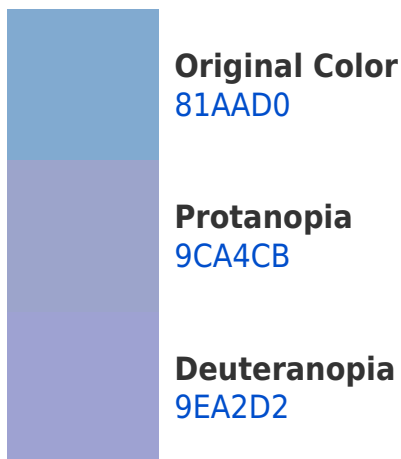


This preview shows how white text looks on a background with the Hex color 81AAD0.

# Color Blindness Simulation

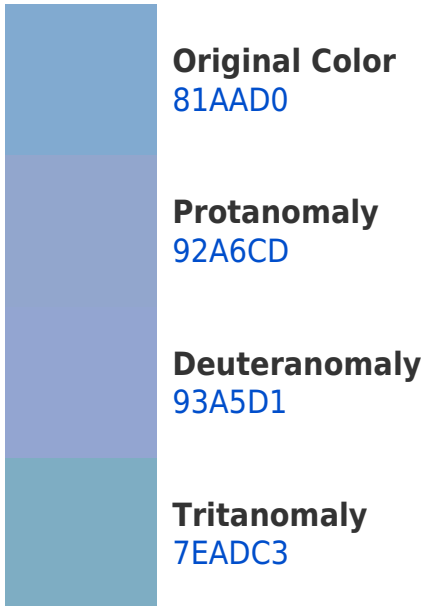
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

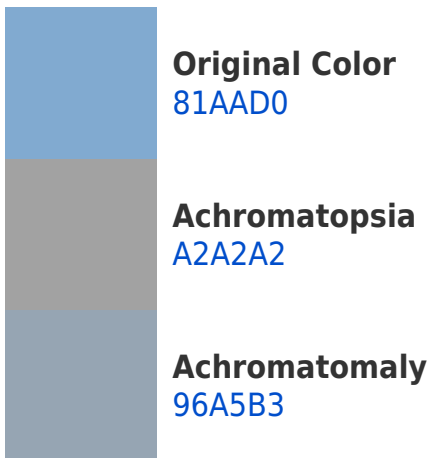




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81AAD0 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 #81AAD0 looks like.

```
.text, #text, p{  
    color:#81AAD0  
}
```

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 #81AAD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81AAD0  
}
```

## Border

The CSS property to change the border of an element to Hex 81AAD0 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  
#81AAD0 }
```

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

```
.border{ border-color:#81AAD0 }
```

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

Here you see how a box with a 4 pixel #81AAD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81AAD0; -webkit-box-shadow:4px 4px  
4px 4px #81AAD0; box-shadow:4px 4px 4px  
4px #81AAD0 }
```

# Background

The CSS property to change the background color of an element to Hex 81AAD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81AAD0 }
```

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

```
.background{ background-color:#81AAD0 }
```

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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