

# Converting Colors

Hex(82A4C0)

Have a look what the booklet for  
Hex(82A4C0) contains.

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# **Color**

**Hex(82A4C0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	82A4C0
RGB	130, 164, 192
RGB Percent	51%, 64%, 75%
CMY	0.4902, 0.3569, 0.2471
CMYK	0.32, 0.15, 0.00, 0.25
HSL	207°, 33%, 63%
HSV	207°, 32%, 75%
XYZ	31.9958, 35.1025, 54.9583
YIQ	157.0260, -29.2520, 1.5000

# Conversions

## Conversions Part 2

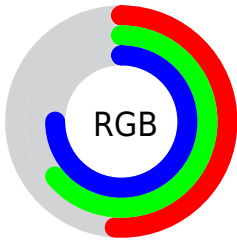
Format	Color
<a href="#">RYB</a>	<a href="#">130, 152, 192</a>
Decimal	<a href="#">8561856</a>
CIELab	<a href="#">65.83, -4.89, -18.16</a>
CIELCh	<a href="#">66, 18.804, 254.932</a>
Yxy	<a href="#">35.1025, 0.2621, 0.2876</a>
Android (android.graphics.Color)	<a href="#">4286751936 (0xFF82A4C0)</a>
YUV	<a href="#">157.0260, 17.2422, -23.7018</a>
Hunter-Lab	<a href="#">59.2474, -7.2862, -13.5246</a>

# Details

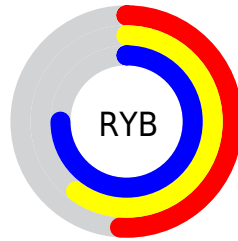
The Hex color **82A4C0** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C09E82**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B8DBF8**, and **4E708A** is the 20% darker color. If you saturate the color by 10%, you get **6F9BC0**, and if you desaturate by 10%, it is **95ADC0**.

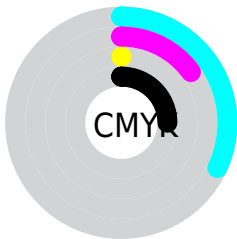
# Distribution



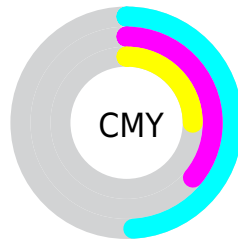
- Red (51%)
- Green (64%)
- Blue (75%)



- Red (51%)
- Yellow (60%)
- Blue (75%)



- Cyan (32%)
- Magenta (15%)
- Yellow (0%)
- Black (25%)



- Cyan (49%)
- Magenta (36%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82A4C0 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 82A4C0 by changing the saturation by 10% instead.



■ 82A4C0

■ 82A4C0

FFFFFF

■ 688AA5

■ B8DBF8

■ 4E708A

■ D5F7FF

■ 355871

■ F1FFFF

■ 1B4158

■ 002B41

■ 00172B

■ 000116

■ 000000

■ 82A4C0

■ 82A4C0

6F9BC0

95ADC0

5C93C0

A8B5C0

488AC0

BCBEC0

3581C0

CFC7C0

2279C0

E2CFC0

0F70C0

F5D8C0

0069C0

FFE1C0

FFE9C0

FFF2C0

# Harmonies

## Analogous

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



74A8B7



82A4C0



989FC0

# Triad

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



82A4C0



C39498



91A688

# Complementary

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



82A4C0



C09E82

# 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.



A4A17F



82A4C0



C09789

# Square

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



82A4C0



BD95A9



B59C80



7FA997

# Rectangle

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



82A4C0



A69BBC



B59C80



97A584

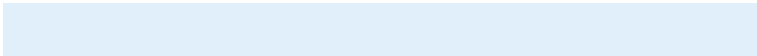


# Sweetspot

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



82A4C0



E1E9FA



82C09E



6E767D



FCFCFC



7D7D7D

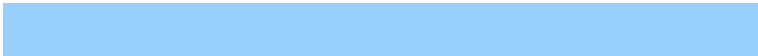


# Same Dimension

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



82A4C0



98CEFA



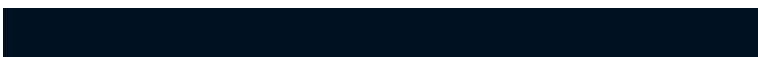
8285C0



575D61



0058A1



001221



# Inverse Universe

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



C082A4



FA98CE



C0BD82



61575D



A10058

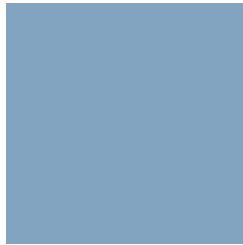


210012



# Previews

## White Background



This preview shows how the Hex color 82A4C0 looks on a white background.

## Color Contrast Check

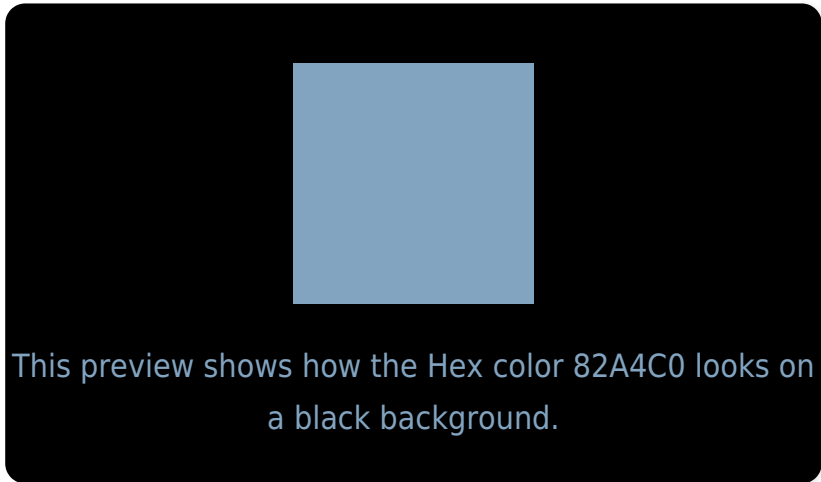
Large Text (above 18pt) WCAG AA × Fail

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

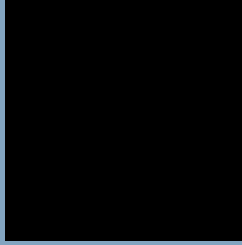
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

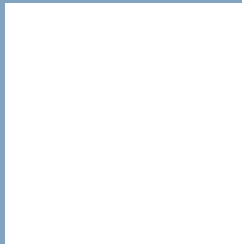
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 82A4C0 Background



This preview shows how black text looks on a background with the Hex color 82A4C0.

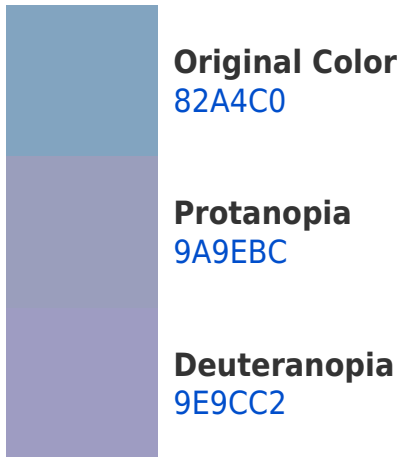


This preview shows how white text looks on a background with the Hex color 82A4C0.

# 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](#).

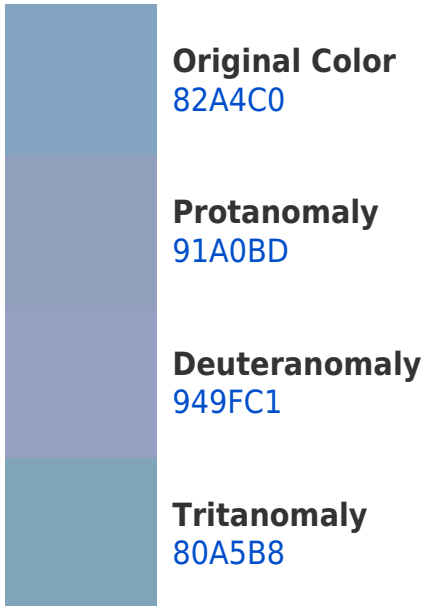
## Dichromacy



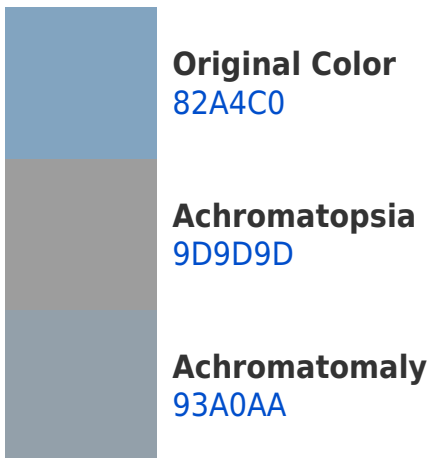


**Tritanopia**  
7FA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82A4C0 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 #82A4C0 looks like.

```
.text, #text, p{  
    color:#82A4C0  
}
```

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 #82A4C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82A4C0  
}
```

## Border

The CSS property to change the border of an element to Hex 82A4C0 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  
#82A4C0 }
```

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

```
.border{ border-color:#82A4C0 }
```

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

Here you see how a box with a 4 pixel #82A4C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82A4C0; -webkit-box-shadow:4px 4px  
4px 4px #82A4C0; box-shadow:4px 4px 4px  
4px #82A4C0 }
```

# Background

The CSS property to change the background color of an element to Hex 82A4C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82A4C0 }
```

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

```
.background{ background-color:#82A4C0 }
```

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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