

# Converting Colors

Hex(82A5C9)

Have a look what the booklet for  
Hex(82A5C9) contains.

<b>Hex(82A5C9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(82A5C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82A5C9
RGB	130, 165, 201
RGB Percent	51%, 65%, 79%
CMY	0.4902, 0.3529, 0.2118
CMYK	0.35, 0.18, 0.00, 0.21
HSL	210°, 40%, 65%
HSV	210°, 35%, 79%
XYZ	33.2037, 35.8731, 60.4325
YIQ	158.6390, -32.4160, 3.7760

# Conversions

## Conversions Part 2

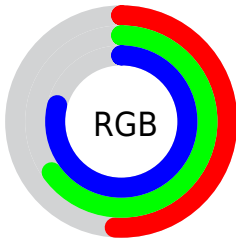
Format	Color
<a href="#">RYB</a>	<a href="#">130, 153, 201</a>
Decimal	<a href="#">8562121</a>
CIELab	<a href="#">66.42, -3.13, -22.25</a>
CIElCh	<a href="#">66, 22.472, 261.999</a>
Yxy	<a href="#">35.8731, 0.2564, 0.2770</a>
Android (android.graphics.Color)	<a href="#">4286752201 (0xFF82A5C9)</a>
YUV	<a href="#">158.6390, 20.8840, -25.1164</a>
Hunter-Lab	<a href="#">59.8942, -5.8594, -17.8970</a>

# Details

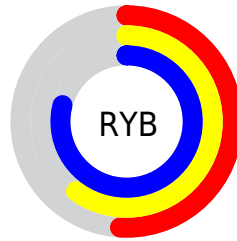
The Hex color **82A5C9** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C9A682**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B9DCFF**, and **4E7193** is the 20% darker color. If you saturate the color by 10%, you get **6E9BC9**, and if you desaturate by 10%, it is **96AFC9**.

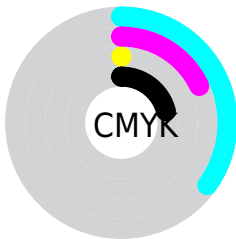
# Distribution



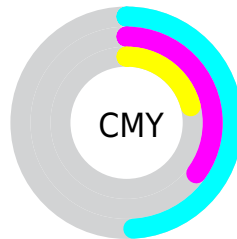
- Red (51%)
- Green (65%)
- Blue (79%)



- Red (51%)
- Yellow (60%)
- Blue (79%)



- Cyan (35%)
- Magenta (18%)
- Yellow (0%)
- Black (21%)



- Cyan (49%)
- Magenta (35%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82A5C9 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 82A5C9 by changing the saturation by 10% instead.





82A5C9



82A5C9

FFFFFF



688BAE



B9DCFF



4E7193



D5F8FF



345979



F2FFFF



184260



002C48



001732



00021D



000000



82A5C9



82A5C9

■ 6E9BC9

■ 96AFC9

■ 5A91C9

■ AAB9C9

■ 4686C9

■ BEC4C9

■ 327CC9

■ D2CEC9

■ 1D72C9

■ E7D8C9

■ 0968C9

■ FBE2C9

■ 0063C9

■ FFECC9

■ FFF7C9

■ FFFFC9

# Harmonies

## Analogous

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



6DAAC1



82A5C9



9E9EC7

# Triad

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



82A5C9



CB9493



8AAA88

# Complementary

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



82A5C9



C9A682

# 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.



A1A57C



82A5C9



C59882

# Square

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



82A5C9



C693A8



B69E7A



75AD9B

# Rectangle

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



82A5C9



AF9AC0



B69E7A



91A883



# Sweetspot

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



82A5C9



E3F1FF



82C9A6



6F7780



000000



808080

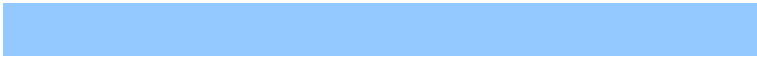


# Same Dimension

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



82A5C9



94C9FF



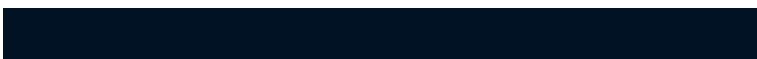
8282C9



5A5E63



0050A3



001224



# Inverse Universe

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



C982A5



FF94C9



C9C982



635A5E



A30050

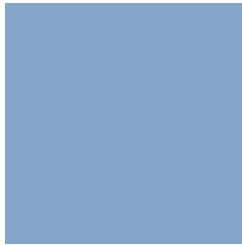


240012



# Previews

## White Background



This preview shows how the Hex color 82A5C9 looks on a white background.

## Color Contrast Check

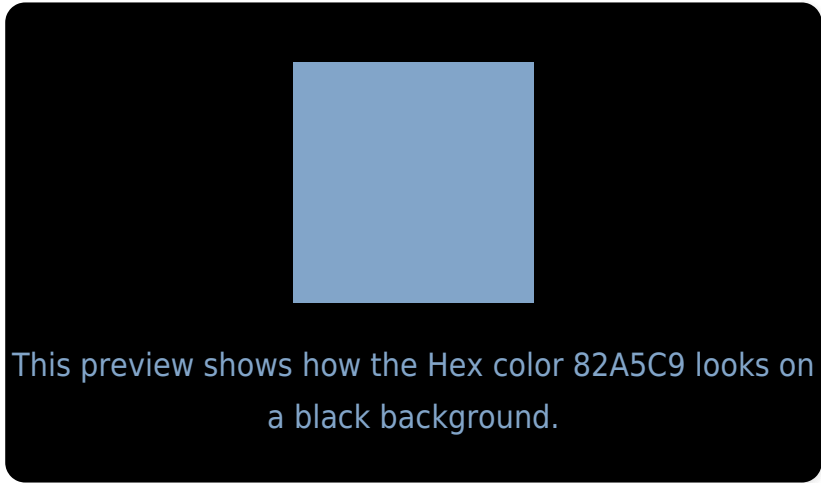
Large Text (above 18pt) WCAG AA × Fail

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

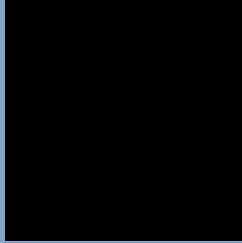
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

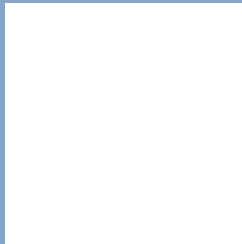
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 82A5C9 Background



This preview shows how black text looks on a background with the Hex color 82A5C9.

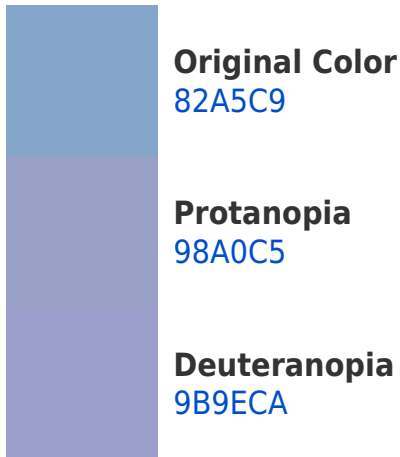


This preview shows how white text looks on a background with the Hex color 82A5C9.

# 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](#).

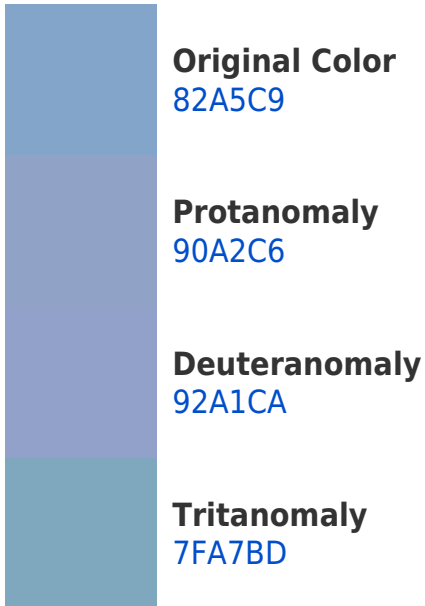
## Dichromacy



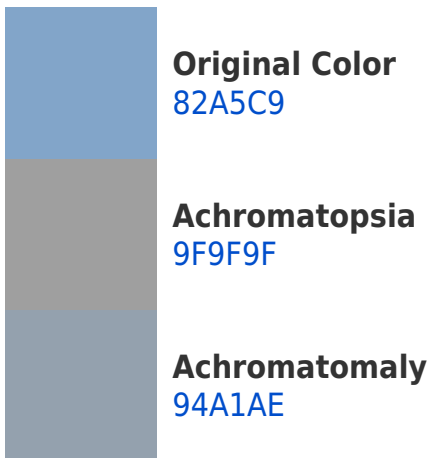


**Tritanopia**  
7DA8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82A5C9 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 #82A5C9 looks like.

```
.text, #text, p{  
    color:#82A5C9  
}
```

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 #82A5C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82A5C9
}
```

## Border

The CSS property to change the border of an element to Hex 82A5C9 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
#82A5C9 }
```

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

```
.border{ border-color:#82A5C9 }
```

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

Here you see how a box with a 4 pixel #82A5C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82A5C9; -webkit-box-shadow:4px 4px  
4px 4px #82A5C9; box-shadow:4px 4px 4px  
4px #82A5C9 }
```

# Background

The CSS property to change the background color of an element to Hex 82A5C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82A5C9 }
```

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

```
.background{ background-color:#82A5C9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor