

# Converting Colors

Hex(80A9CD)

Have a look what the booklet for  
Hex(80A9CD) contains.

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# **Color**

**Hex(80A9CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80A9CD
RGB	128, 169, 205
RGB Percent	50%, 66%, 80%
CMY	0.4980, 0.3373, 0.1961
CMYK	0.38, 0.18, 0.00, 0.20
HSL	208°, 44%, 65%
HSV	208°, 38%, 80%
XYZ	34.1095, 37.3729, 63.1735
YIQ	160.8450, -35.9920, 2.5040

# Conversions

## Conversions Part 2

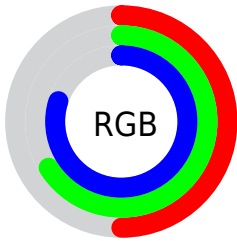
Format	Color
<a href="#">RYB</a>	<a href="#">128, 155, 205</a>
Decimal	<a href="#">8432077</a>
CIELab	<a href="#">67.56, -4.84, -22.75</a>
CIELCh	<a href="#">68, 23.257, 257.994</a>
Yxy	<a href="#">37.3729, 0.2533, 0.2775</a>
Android (android.graphics.Color)	<a href="#">4286622157 (0xFF80A9CD)</a>
YUV	<a href="#">160.8450, 21.7684, -28.8051</a>
Hunter-Lab	<a href="#">61.1334, -7.3890, -18.4753</a>

# Details

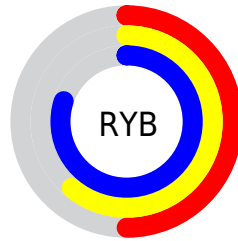
The Hex color **80A9CD** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CDA480**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B7E0FF**, and **4B7597** is the 20% darker color. If you saturate the color by 10%, you get **6B9FCD**, and if you desaturate by 10%, it is **95B3CD**.

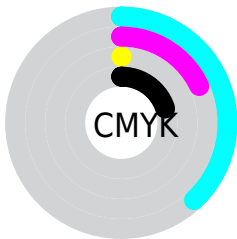
# Distribution



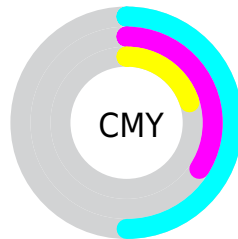
- Red (50%)
- Green (66%)
- Blue (80%)



- Red (50%)
- Yellow (61%)
- Blue (80%)



- Cyan (38%)
- Magenta (18%)
- Yellow (0%)
- Black (20%)



- Cyan (50%)
- Magenta (34%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80A9CD 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 80A9CD by changing the saturation by 10% instead.



 80A9CD

 80A9CD

FFFFFF

 658FB1

 B7E0FF

 4B7597

 D3FDFF

 305C7D

 F0FFFF

 124564

 002F4C

 001A35

 000220

 000003

 000000

80A9CD

80A9CD

6B9FCD

95B3CD

5796CD

A9BCCD

428CCD

BEC6CD

2E83CD

D2CFCD

1A79CD

E6D9CD

056FCD

FBE3CD

006DCD

FFECCD

FFF6CD

FFFFCD

# Harmonies

## Analogous

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



6CAEC3



80A9CD



9DA2CC

# Triad

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



80A9CD



D09699



8FAD88

# Complementary

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



80A9CD



CDA480

# 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.



A7A77C



80A9CD



CB9A86

# Square

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



80A9CD



C996AE



BCA07C



78B09B

# Rectangle

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



80A9CD



AF9DC6



BCA07C



97AB83

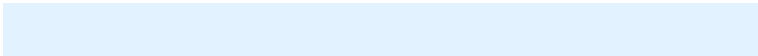


# Sweetspot

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



80A9CD



E3F2FF



80CDA4



6F7880



000000



808080

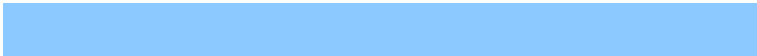


# Same Dimension

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



80A9CD



8CC9FF



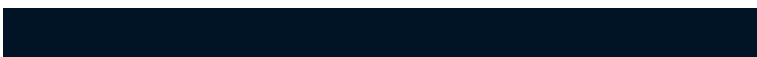
8083CD



5C6166



0058A6



001426



# Inverse Universe

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



CD80A9



FF8CC9



CDCA80



665C61



A60058



260014



# Previews

## White Background



This preview shows how the Hex color 80A9CD looks on a white background.

## Color Contrast Check

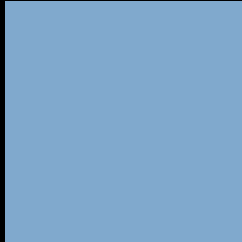
Large Text (above 18pt) WCAG AA × Fail

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 80A9CD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

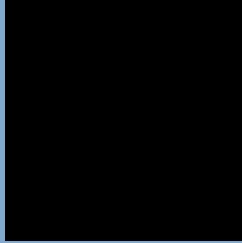
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

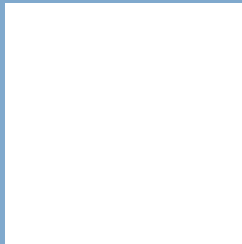
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 80A9CD Background



This preview shows how black text looks on a background with the Hex color 80A9CD.

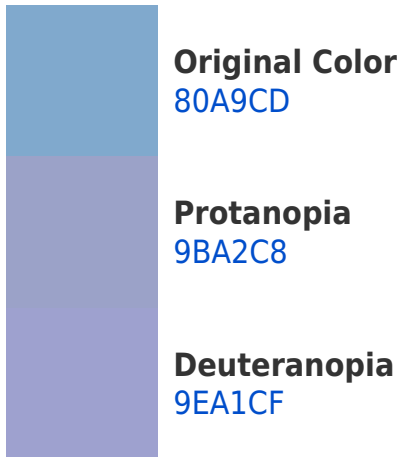


This preview shows how white text looks on a background with the Hex color 80A9CD.

# Color Blindness Simulation

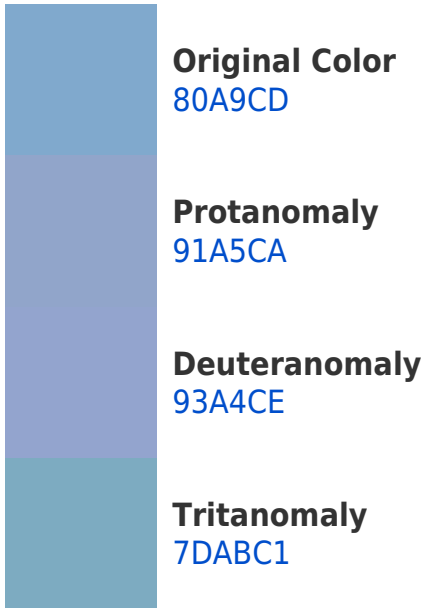
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

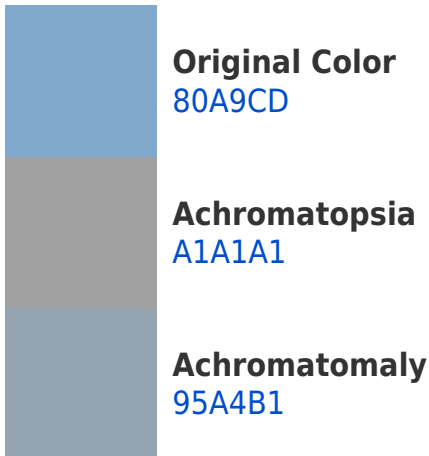




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80A9CD 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 #80A9CD looks like.

```
.text, #text, p{  
    color:#80A9CD  
}
```

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 #80A9CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A9CD
}
```

## Border

The CSS property to change the border of an element to Hex 80A9CD 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
#80A9CD }
```

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

```
.border{ border-color:#80A9CD }
```

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

Here you see how a box with a 4 pixel #80A9CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A9CD; -webkit-box-shadow:4px 4px  
4px 4px #80A9CD; box-shadow:4px 4px 4px  
4px #80A9CD }
```

# Background

The CSS property to change the background color of an element to Hex 80A9CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A9CD }
```

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

```
.background{ background-color:#80A9CD }
```

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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