

Converting Colors

Hex(80A1CF)

Have a look what the booklet for
Hex(80A1CF) contains.

Hex(80A1CF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(80A1CF)

Conversions

Conversions Part 1

Format	Color
Hex	80A1CF
RGB	128, 161, 207
RGB Percent	50%, 63%, 81%
CMY	0.4980, 0.3686, 0.1882
CMYK	0.38, 0.22, 0.00, 0.19
HSL	215°, 45%, 66%
HSV	215°, 38%, 81%
XYZ	32.9094, 34.5839, 63.9723
YIQ	156.3770, -34.4340, 7.3100

Conversions

Conversions Part 2

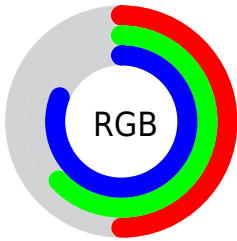
Format	Color
R_{YB}	128, 151, 207
Decimal	8430031
CIE Lab	65.42, 0.14, -27.12
CIE LCh	65, 27.125, 270.289
Yxy	34.5839, 0.2503, 0.2631
Android (android.graphics.Color)	4286620111 (0xFF80A1CF)
YUV	156.3770, 24.9571, -24.8866
Hunter-Lab	58.8081, -3.0243, -23.3309

Details

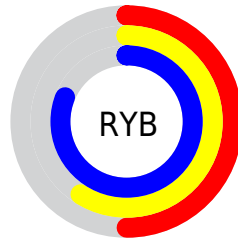
The Hex color **80A1CF** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CFAE80**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B7D8FF**, and **4B6E98** is the 20% darker color. If you saturate the color by 10%, you get **6B95CF**, and if you desaturate by 10%, it is **95ADCF**.

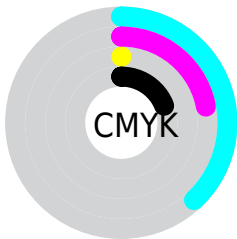
Distribution



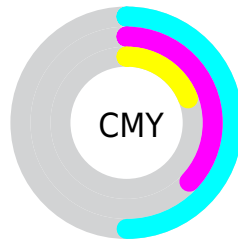
- Red (50%)
- Green (63%)
- Blue (81%)



- Red (50%)
- Yellow (59%)
- Blue (81%)



- Cyan (38%)
- Magenta (22%)
- Yellow (0%)
- Black (19%)



- Cyan (50%)
- Magenta (37%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80A1CF 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 80A1CF by changing the saturation by 10% instead.

 80A1CF

 80A1CF

FFFFFF

 6587B3


 B7D8FF

 4B6E98

 D3F4FF

 30557E

 F0FFFF

 113E65

 00294D

 001436

 000220

 000005

 000000

 80A1CF

 80A1CF

 6B95CF

 95ADCF

 5789CF

 A9B9CF

 427DCF

 BEC5CF

 2D71CF

 D3D1CF

 1865CF

 E8DDCF

 0459CF

 FCE9CF

 0056CF

 FFF5CF

 FFFF CF

Harmonies

Analogous

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



60A8C8



80A1CF



A399C9

Triad

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



80A1CF



CF8F88



7AAA86

Complementary

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



80A1CF



CFAE80

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.



96A574



80A1CF



C49575

Square

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



80A1CF



CD8DA0



B09D6E



60AC9E

Rectangle

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



80A1CF



B693BE



B09D6E



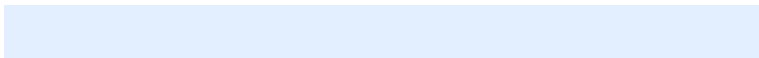
83A97F

Sweetspot

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



80A1CF



E3EFFF



80CFAD



6F7680



000000



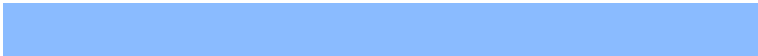
808080

Same Dimension

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



80A1CF



8ABBFF



8580CF



5E6269



0046A8



001129

Inverse Universe

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



CF80A1



FF8ABB



CACF80



695E62



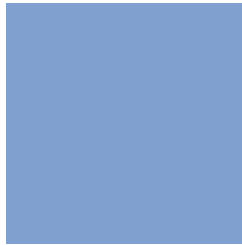
A80046



290011

Previews

White Background



This preview shows how the Hex color 80A1CF looks on a white background.

Color Contrast Check

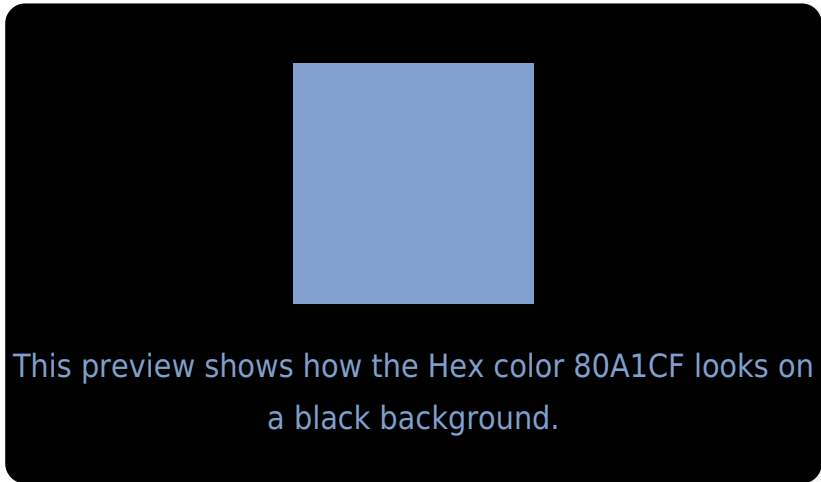
Large Text (above 18pt) WCAG AA × Fail

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

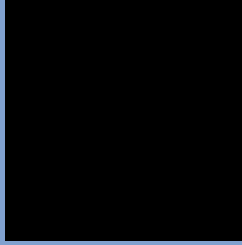
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

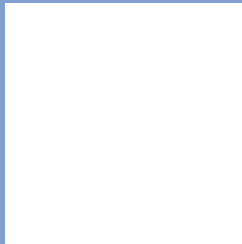
Any Text WCAG AAA ✓ Pass

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

Hex 80A1CF Background



This preview shows how black text looks on a background with the Hex color 80A1CF.

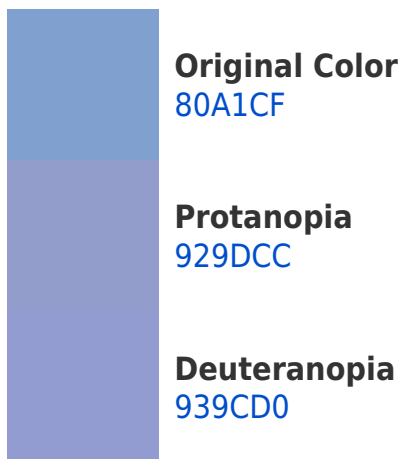


This preview shows how white text looks on a background with the Hex color 80A1CF.

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](#).

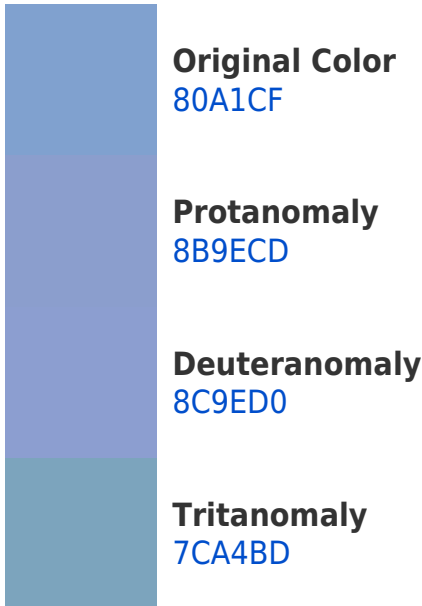
Dichromacy



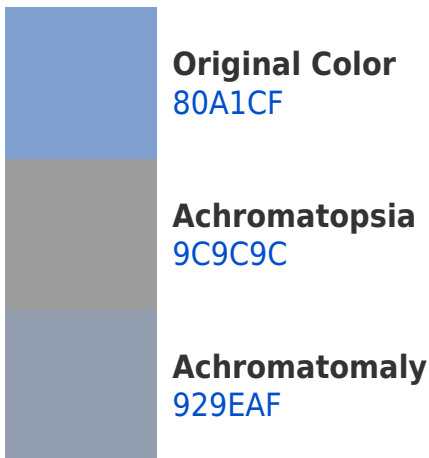


Tritanopia
79A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80A1CF 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 #80A1CF looks like.

```
.text, #text, p{  
    color:#80A1CF  
}
```

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 #80A1CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A1CF
}
```

Border

The CSS property to change the border of an element to Hex 80A1CF 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
#80A1CF }
```

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

```
.border{ border-color:#80A1CF }
```

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

Here you see how a box with a 4 pixel #80A1CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A1CF; -webkit-box-shadow:4px 4px  
4px 4px #80A1CF; box-shadow:4px 4px 4px  
4px #80A1CF }
```

Background

The CSS property to change the background color of an element to Hex 80A1CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A1CF }
```

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

```
.background{ background-color:#80A1CF }
```

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