

Converting Colors

Hex(80A7BF)

Have a look what the booklet for
Hex(80A7BF) contains.

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Color

Hex(80A7BF)

Conversions

Conversions Part 1

Format	Color
Hex	80A7BF
RGB	128, 167, 191
RGB Percent	50%, 65%, 75%
CMY	0.4980, 0.3451, 0.2510
CMYK	0.33, 0.13, 0.00, 0.25
HSL	203°, 33%, 63%
HSV	203°, 33%, 75%
XYZ	32.1248, 35.9882, 54.5435
YIQ	158.0750, -30.9480, -0.8040

Conversions

Conversions Part 2

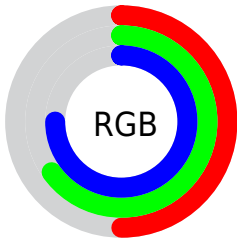
Format	Color
R_{YB}	128, 152, 191
Decimal	8431551
CIE _{Lab}	66.51, -7.36, -16.58
CIE _{LCh}	67, 18.141, 246.052
Yxy	35.9882, 0.2619, 0.2934
Android (android.graphics.Color)	4286621631 (0xFF80A7BF)
YUV	158.0750, 16.2320, -26.3758
Hunter-Lab	59.9902, -9.3960, -11.9137

Details

The Hex color **80A7BF** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BF9880**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B6DEF7**, and **4C738A** is the 20% darker color. If you saturate the color by 10%, you get **6DA0BF**, and if you desaturate by 10%, it is **93AEBF**.

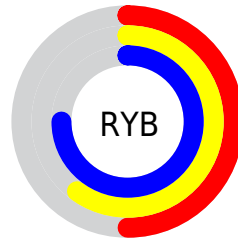
Distribution



Red (50%)

Green (65%)

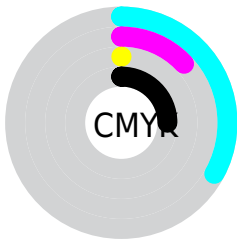
Blue (75%)



Red (50%)

Yellow (60%)

Blue (75%)

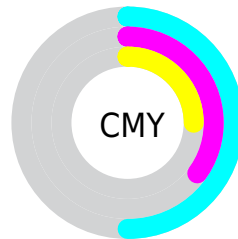


Cyan (33%)

Magenta (13%)

Yellow (0%)

Black (25%)



Cyan (50%)

Magenta (35%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80A7BF 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 80A7BF by changing the saturation by 10% instead.

■ 80A7BF

■ 80A7BF

FFFFFF

■ 668DA4

■ B6DEF7

■ 4C738A

■ D3FBFF

■ 335B70

■ EFFFFFF

■ 184358

■ 002D40

■ 00192A

■ 000116

■ 000000

■ 80A7BF

■ 80A7BF

6DA0BF

93AEBF

5A98BF

A6B6BF

4791BF

B9BDBF

348ABF

CCC4BF

2183BF

E0CBBF

0D7BBF

F3D3BF

0076BF

FFDABF

FFE1BF

FFE8BF

Harmonies

Analogous

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



76AAB4



80A7BF



93A2C2

Triad

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



80A7BF



C3969F



99A787

Complementary

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



80A7BF



BF9880

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.



ABA281



80A7BF



C3988F

Square

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



80A7BF



BA98AF



BA9C84



87AA94

Rectangle

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



80A7BF



A29EBF



BA9C84



9FA584

Sweetspot

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



80A7BF



DFEEF7



80BF97



6E777D



FCFCFC



7D7D7D

Same Dimension

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



80A7BF



94D2F7



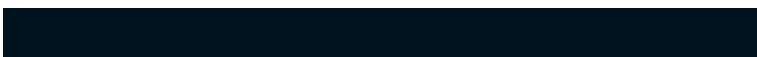
8088BF



555B5E



00629E



00131F

Inverse Universe

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



BF80A7



F794D2



BFB780



5E555B



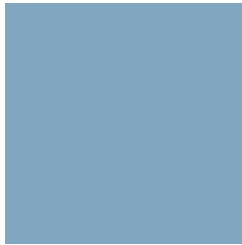
9E0062



1F0013

Previews

White Background



This preview shows how the Hex color 80A7BF looks on a white background.

Color Contrast Check

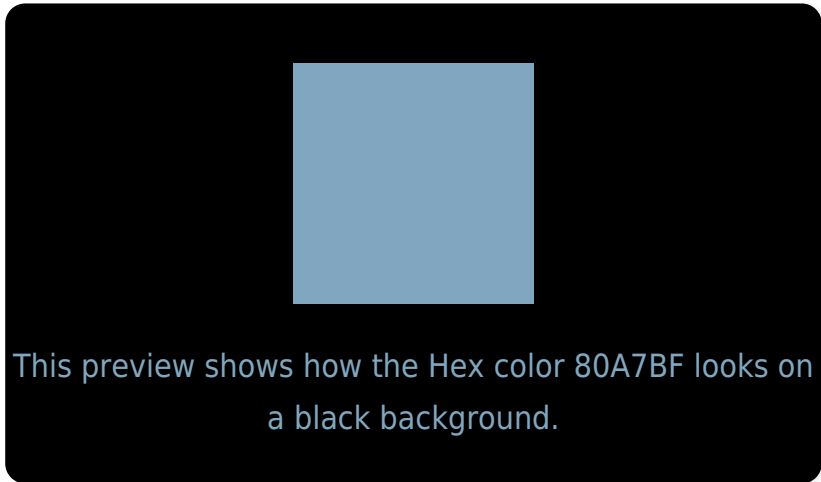
Large Text (above 18pt) WCAG AA × Fail

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

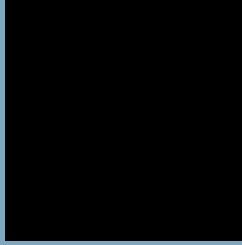
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

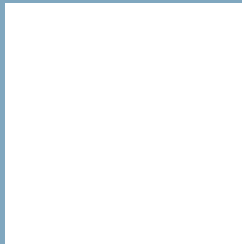
Any Text WCAG AAA ✓ Pass

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

Hex 80A7BF Background



This preview shows how black text looks on a background with the Hex color 80A7BF.

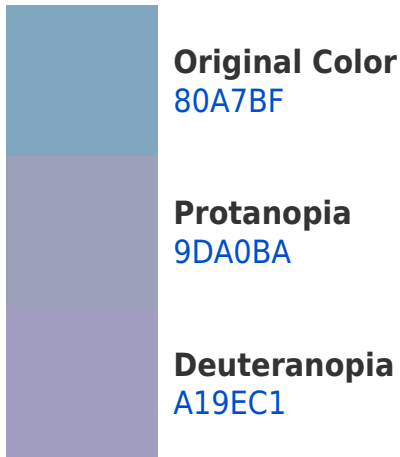


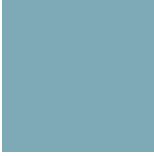
This preview shows how white text looks on a background with the Hex color 80A7BF.

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](#).

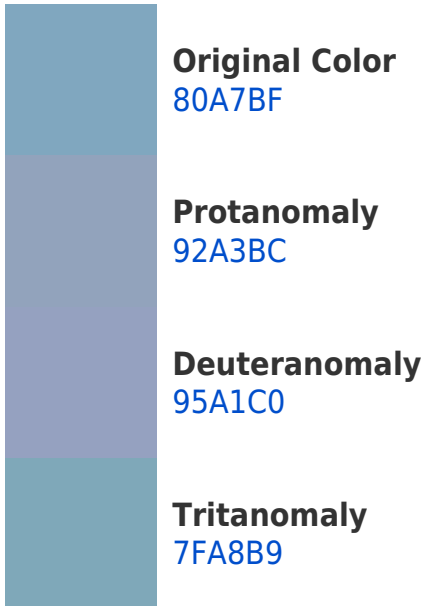
Dichromacy



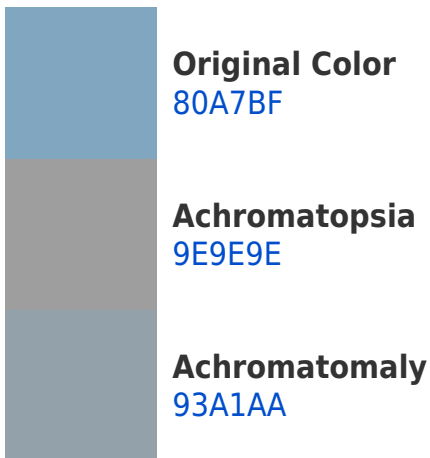


Tritanopia
7EA9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80A7BF 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 #80A7BF looks like.

```
.text, #text, p{  
    color:#80A7BF  
}
```

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 #80A7BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A7BF  
}
```

Border

The CSS property to change the border of an element to Hex 80A7BF 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  
#80A7BF }
```

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

```
.border{ border-color:#80A7BF }
```

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

Here you see how a box with a 4 pixel #80A7BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A7BF; -webkit-box-shadow:4px 4px  
4px 4px #80A7BF; box-shadow:4px 4px 4px  
4px #80A7BF }
```

Background

The CSS property to change the background color of an element to Hex 80A7BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A7BF }
```

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

```
.background{ background-color:#80A7BF }
```

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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