

Converting Colors

Hex(80A2B7)

Have a look what the booklet for
Hex(80A2B7) contains.

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Color

Hex(80A2B7)

Conversions

Conversions Part 1

Format	Color
Hex	80A2B7
RGB	128, 162, 183
RGB Percent	50%, 64%, 72%
CMY	0.4980, 0.3647, 0.2824
CMYK	0.30, 0.11, 0.00, 0.28
HSL	203°, 28%, 61%
HSV	203°, 30%, 72%
XYZ	30.3697, 33.8488, 49.7326
YIQ	154.2280, -27.0050, -0.6770

Conversions

Conversions Part 2

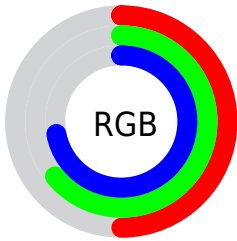
Format	Color
RYB	128, 149, 183
Decimal	8430263
CIELab	64.84, -6.63, -14.64
CIELCh	65, 16.074, 245.627
Yxy	33.8488, 0.2665, 0.2970
Android (android.graphics.Color)	4286620343 (0xFF80A2B7)
YUV	154.2280, 14.1846, -23.0020
Hunter-Lab	58.1797, -8.6378, -9.9559

Details

The Hex color **80A2B7** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B79580**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B6D9EF**, and **4D6E82** is the 20% darker color. If you saturate the color by 10%, you get **6E9BB7**, and if you desaturate by 10%, it is **92A9B7**.

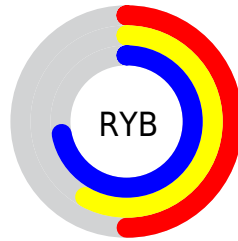
Distribution



Red (50%)

Green (64%)

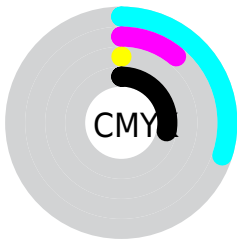
Blue (72%)



Red (50%)

Yellow (58%)

Blue (72%)

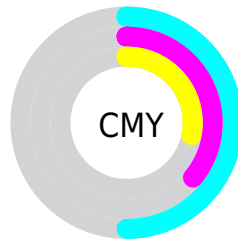


Cyan (30%)

Magenta (11%)

Yellow (0%)

Black (28%)



Cyan (50%)

Magenta (36%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80A2B7 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 80A2B7 by changing the saturation by 10% instead.

 80A2B7

 80A2B7

FFFFFF

 66889C

 B6D9EF

 4D6E82

 D2F5FF

 345669

 EFFFFFF

 1B3F51

 00293A

 001524

 00010E

 000000

 80A2B7

 80A2B7

■ 6E9BB7

■ 92A9B7

■ 5B94B7

■ A5B0B7

■ 498DB7

■ B7B7B7

■ 3786B7

■ C9BEB7

■ 247FB7

■ DBC5B7

■ 1278B7

■ EECCB7

■ 0071B7

■ FFD3B7

■ FFDAB7

■ FFE1B7

Harmonies

Analogous

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



77A5AD



80A2B7



919EBA

Triad

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



80A2B7



BB939B



96A286

Complementary

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



80A2B7



B79580

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.



A69D81



80A2B7



BB958D

Square

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



80A2B7



B395A9



B39884



86A591

Rectangle

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



80A2B7



9D9AB7



B39884



9BA083

Sweetspot

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



80A2B7



D8E5ED



80B794



6B7378



F7F7F7



787878

Same Dimension

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



80A2B7



98CEDE



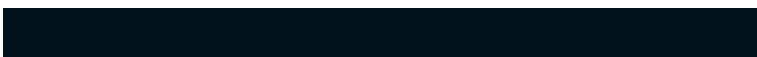
8087B7



53585C



00609C



00111C

Inverse Universe

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



B780A2



ED98CD



B7B080



5C5358



9C0060



1C0011

Previews

White Background



This preview shows how the Hex color 80A2B7 looks on a white background.

Color Contrast Check

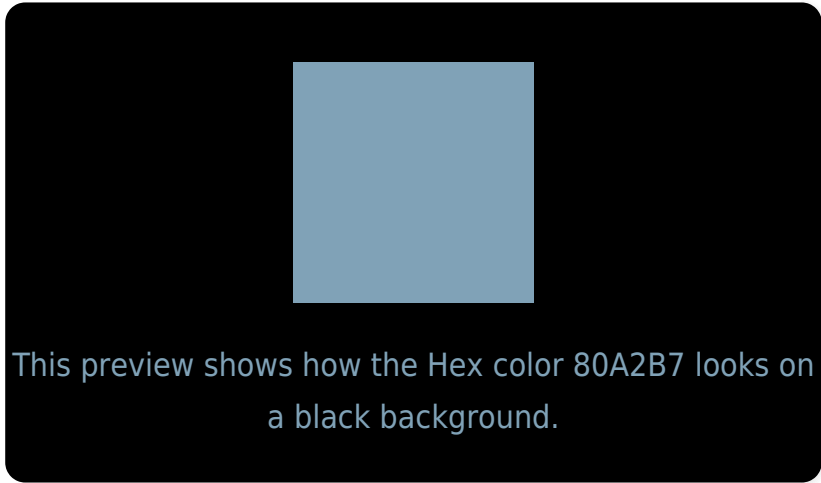
Large Text (above 18pt) WCAG AA × Fail

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

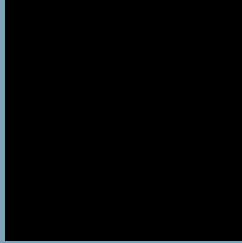
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

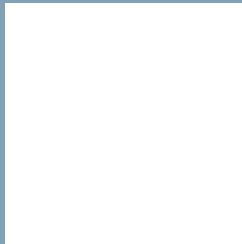
Any Text WCAG AAA ✓ Pass

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

Hex 80A2B7 Background



This preview shows how black text looks on a background with the Hex color 80A2B7.

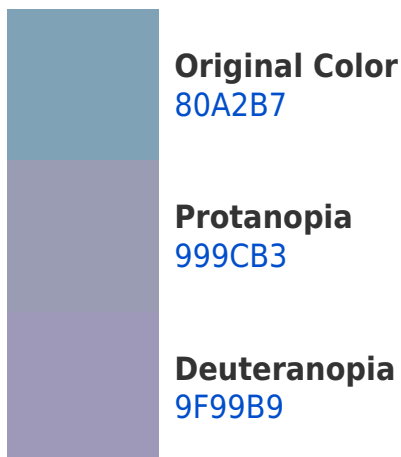


This preview shows how white text looks on a background with the Hex color 80A2B7.

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](#).

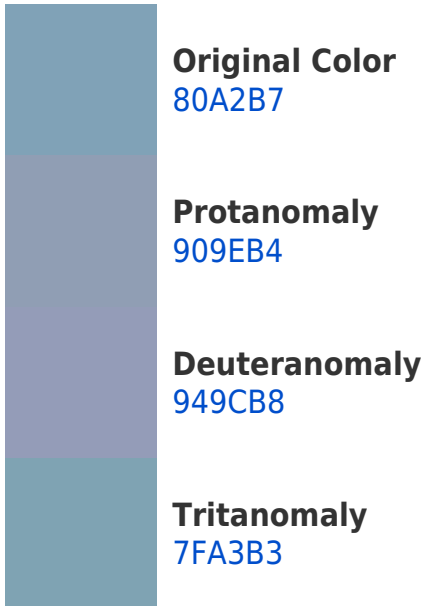
Dichromacy



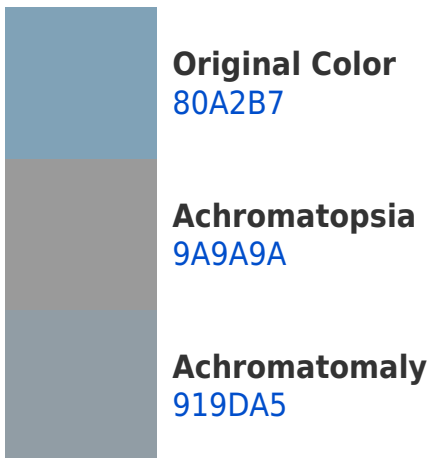


Tritanopia
7EA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80A2B7 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 #80A2B7 looks like.

```
.text, #text, p{  
    color:#80A2B7  
}
```

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 #80A2B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A2B7
}
```

Border

The CSS property to change the border of an element to Hex 80A2B7 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
#80A2B7 }
```

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

```
.border{ border-color:#80A2B7 }
```

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

Here you see how a box with a 4 pixel #80A2B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A2B7; -webkit-box-shadow:4px 4px  
4px 4px #80A2B7; box-shadow:4px 4px 4px  
4px #80A2B7 }
```

Background

The CSS property to change the background color of an element to Hex 80A2B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A2B7 }
```

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

```
.background{ background-color:#80A2B7 }
```

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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