

Converting Colors

Hex(81A8B6)

Have a look what the booklet for
Hex(81A8B6) contains.

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Color

Hex(81A8B6)

Conversions

Conversions Part 1

Format	Color
Hex	81A8B6
RGB	129, 168, 182
RGB Percent	51%, 66%, 71%
CMY	0.4941, 0.3412, 0.2863
CMYK	0.29, 0.08, 0.00, 0.29
HSL	196°, 27%, 61%
HSV	196°, 29%, 71%
XYZ	31.4994, 36.0498, 49.5541
YIQ	157.9350, -27.7380, -3.9140

Conversions

Conversions Part 2

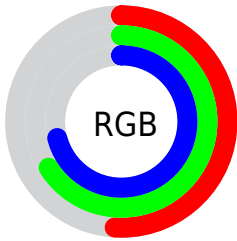
Format	Color
R_{YB}	129, 151, 182
Decimal	8497334
CIE _{Lab}	66.56, -9.84, -11.50
CIE _{LCh}	67, 15.135, 229.442
Yxy	36.0498, 0.2690, 0.3078
Android (android.graphics.Color)	4286687414 (0xFF81A8B6)
YUV	157.9350, 11.8640, -25.3760
Hunter-Lab	60.0415, -11.4266, -6.9048

Details

The Hex color **81A8B6** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B68F81**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B7DFEE**, and **4E7481** is the 20% darker color. If you saturate the color by 10%, you get **6FA3B6**, and if you desaturate by 10%, it is **93ADB6**.

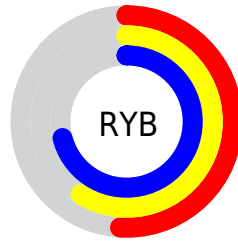
Distribution



Red (51%)

Green (66%)

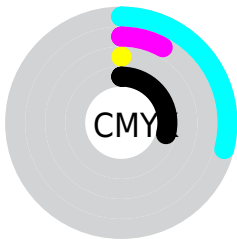
Blue (71%)



Red (51%)

Yellow (59%)

Blue (71%)

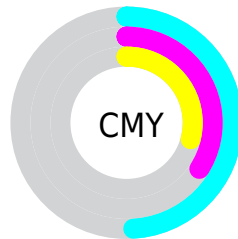


Cyan (29%)

Magenta (8%)

Yellow (0%)

Black (29%)



Cyan (49%)

Magenta (34%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81A8B6 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 81A8B6 by changing the saturation by 10% instead.

 81A8B6

 81A8B6

FFFFFF

 678E9B

 B7DFEE

 4E7481

 D3FCFF

 355B68

 F0FFFF

 1C4450

 002E39

 001923

 00010D

 000000

 81A8B6

 81A8B6

6FA3B6

93ADB6

5D9EB6

A5B2B6

4A9AB6

B8B6B6

3895B6

CABBB6

2690B6

DCC0B6

148BB6

EEC5B6

0286B6

FFCAB6

0086B6

FFCEB6

FFD3B6

Harmonies

Analogous

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



7FAAAA



81A8B6



8DA5BC

Triad

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



81A8B6



BB99A7



A3A488

Complementary

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



81A8B6



B68F81

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.



B19F87



81A8B6



BF9999

Square

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



81A8B6



AF9CB4



BB9B8E



94A790

Rectangle

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



81A8B6



98A2BC



BB9B8E



A8A287

Sweetspot

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



81A8B6



D8E8ED



81B68E



6B7478



F7F7F7



787878

Same Dimension

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



81A8B6



9AD7ED



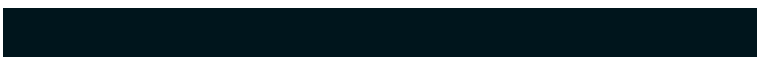
818EB6



53595C



00729C



00151C

Inverse Universe

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



B681A8



ED9AD7



B6A981



5C5359



9C0072



1C0015

Previews

White Background



This preview shows how the Hex color 81A8B6 looks on a white background.

Color Contrast Check

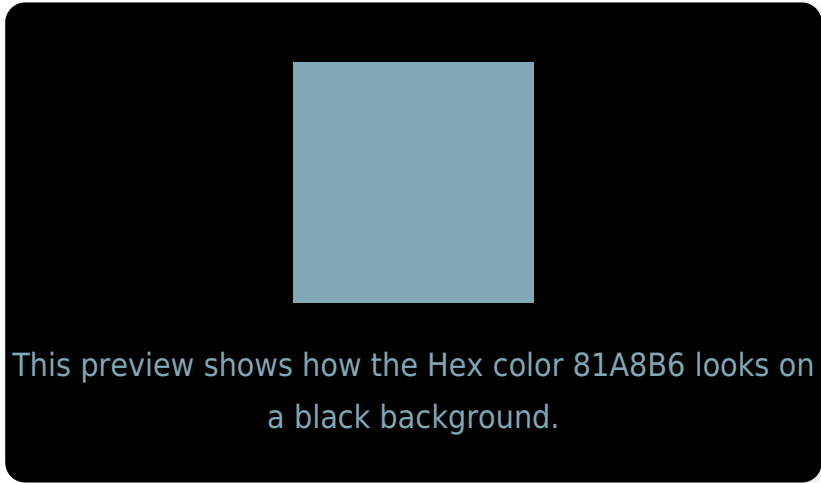
Large Text (above 18pt) WCAG AA × Fail

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

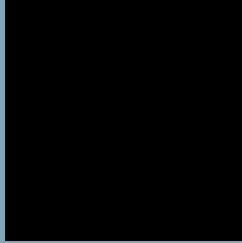
Any Text WCAG AA ✓ Pass

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 81A8B6 Background



This preview shows how black text looks on a background with the Hex color 81A8B6.

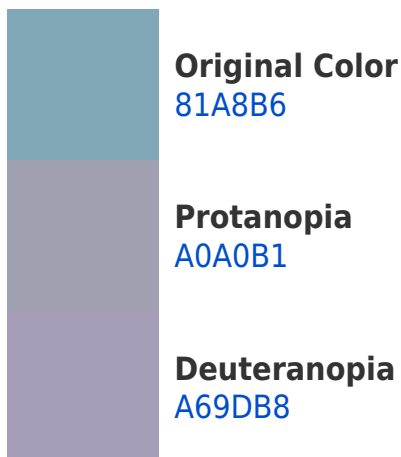


This preview shows how white text looks on a background with the Hex color 81A8B6.

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](#).

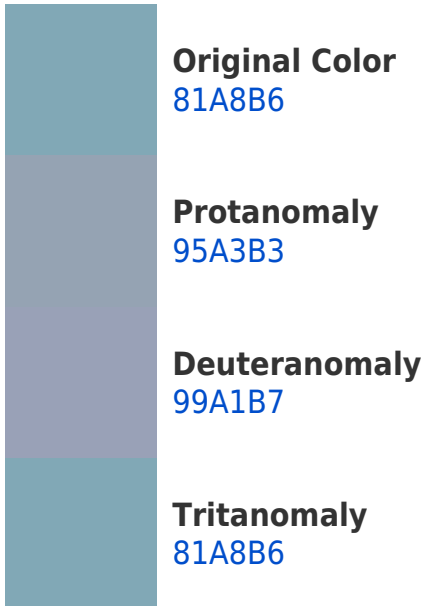
Dichromacy





Tritanopia
81A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81A8B6 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 #81A8B6 looks like.

```
.text, #text, p{  
    color:#81A8B6  
}
```

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 #81A8B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81A8B6
}
```

Border

The CSS property to change the border of an element to Hex 81A8B6 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
#81A8B6 }
```

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

```
.border{ border-color:#81A8B6 }
```

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

Here you see how a box with a 4 pixel #81A8B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81A8B6; -webkit-box-shadow:4px 4px  
4px 4px #81A8B6; box-shadow:4px 4px 4px  
4px #81A8B6 }
```

Background

The CSS property to change the background color of an element to Hex 81A8B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81A8B6 }
```

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

```
.background{ background-color:#81A8B6 }
```

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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