

Converting Colors

Hex(81A6A8)

Have a look what the booklet for
Hex(81A6A8) contains.

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Color

Hex(81A6A8)

Conversions

Conversions Part 1

Format	Color
Hex	81A6A8
RGB	129, 166, 168
RGB Percent	51%, 65%, 66%
CMY	0.4941, 0.3490, 0.3412
CMYK	0.23, 0.01, 0.00, 0.34
HSL	183°, 18%, 58%
HSV	183°, 23%, 66%
XYZ	29.7574, 34.7667, 42.1881
YIQ	155.1650, -22.6940, -7.2220

Conversions

Conversions Part 2

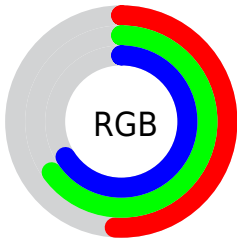
Format	Color
RYB	129, 148, 168
Decimal	8496808
CIELab	65.57, -12.07, -5.17
CIElCh	66, 13.130, 203.203
Yxy	34.7667, 0.2789, 0.3258
Android (android.graphics.Color)	4286686888 (0xFF81A6A8)
YUV	155.1650, 6.3277, -22.9467
Hunter-Lab	58.9633, -13.1011, -1.1475

Details

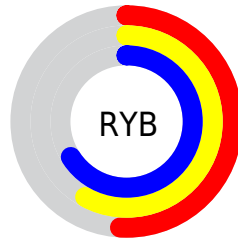
The Hex color **81A6A8** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A88381**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B7DDDF**, and **4E7274** is the 20% darker color. If you saturate the color by 10%, you get **70A5A8**, and if you desaturate by 10%, it is **92A7A8**.

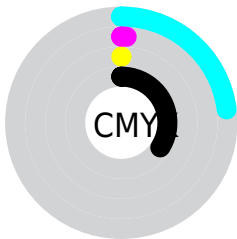
Distribution



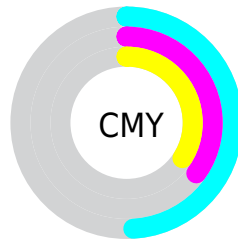
- Red (51%)
- Green (65%)
- Blue (66%)



- Red (51%)
- Yellow (58%)
- Blue (66%)



- Cyan (23%)
- Magenta (1%)
- Yellow (0%)
- Black (34%)



- Cyan (49%)
- Magenta (35%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81A6A8 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 81A6A8 by changing the saturation by 10% instead.



81A6A8



81A6A8

FFFFFF



678C8E



B7DDDF



4E7274



D3FAFC



36595B



EFFFFFF



1F4244



052C2E



001819



000000



81A6A8



81A6A8



70A5A8



92A7A8

5FA4A8

A3A8A8

4FA3A8

B3A9A8

3EA3A8

C4A9A8

2DA2A8

D5AAA8

1CA1A8

E6ABA8

0BA0A8

F7ACA8

009FA8

FFADA8

FFAEA8

Harmonies

Analogous

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



86A69C



81A6A8



84A4B2

Triad

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



81A6A8



AC9AAD



AB9D88

Complementary

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



81A6A8



A88381

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.



B59A8D



81A6A8



B697A2

Square

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



81A6A8



9E9DB5



B89896



9FA18A

Rectangle

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



81A6A8



8BA2B5



B89896



AF9C89

Sweetspot

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



81A6A8



CCDBDB



81A883



656D6E



EDEDED



6E6E6E

Same Dimension

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



81A6A8



9ED8DB



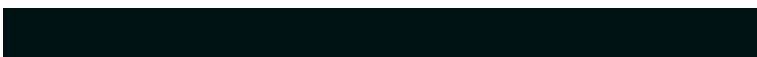
8193A8



4C5454



008C94



001314

Inverse Universe

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



A881A6



DB9ED8



A89681



544C54



94008C



140013

Previews

White Background



This preview shows how the Hex color 81A6A8 looks on a white background.

Color Contrast Check

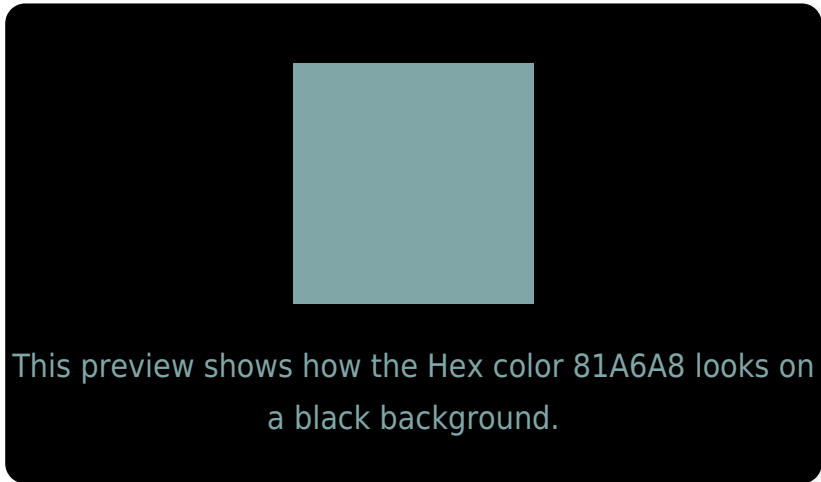
Large Text (above 18pt) WCAG AA × Fail

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

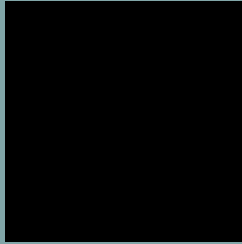
Any Text WCAG AA ✓ Pass

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 81A6A8 Background



This preview shows how black text looks on a background with the Hex color 81A6A8.

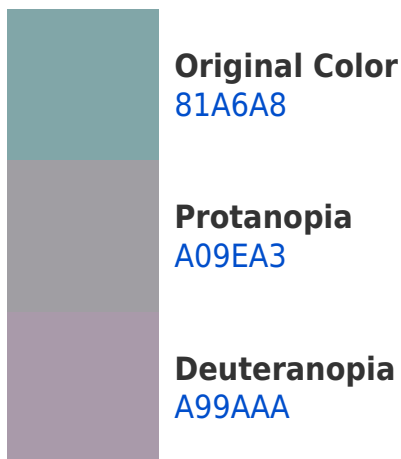


This preview shows how white text looks on a background with the Hex color 81A6A8.

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](#).

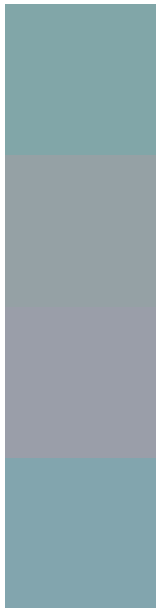
Dichromacy





Tritanopia
83A4B2

Trichromacy



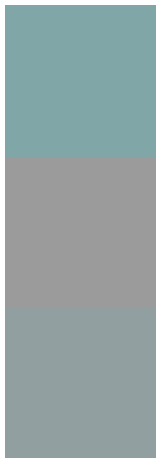
Original Color
81A6A8

Protanomaly
95A1A5

Deuteranomaly
9A9EA9

Tritanomaly
82A5AE

Monochromacy



Original Color
81A6A8

Achromatopsia
9B9B9B

Achromatomaly
929FA0

CSS Examples

Text

The CSS property to change the color of the text to Hex 81A6A8 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 #81A6A8 looks like.

```
.text, #text, p{  
    color:#81A6A8  
}
```

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 #81A6A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81A6A8  
}
```

Border

The CSS property to change the border of an element to Hex 81A6A8 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  
#81A6A8 }
```

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

```
.border{ border-color:#81A6A8 }
```

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

Here you see how a box with a 4 pixel #81A6A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81A6A8; -webkit-box-shadow:4px 4px  
4px 4px #81A6A8; box-shadow:4px 4px 4px  
4px #81A6A8 }
```

Background

The CSS property to change the background color of an element to Hex 81A6A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81A6A8 }
```

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

```
.background{ background-color:#81A6A8 }
```

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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