

Converting Colors

Hex(80A5A8)

Have a look what the booklet for
Hex(80A5A8) contains.

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Color

Hex(80A5A8)

Conversions

Conversions Part 1

Format	Color
Hex	80A5A8
RGB	128, 165, 168
RGB Percent	50%, 65%, 66%
CMY	0.4980, 0.3529, 0.3412
CMYK	0.24, 0.02, 0.00, 0.34
HSL	184°, 19%, 58%
HSV	184°, 24%, 66%
XYZ	29.4251, 34.3266, 42.1206
YIQ	154.2790, -23.0150, -6.9110

Conversions

Conversions Part 2

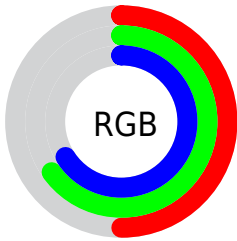
Format	Color
RYB	128, 147, 168
Decimal	8431016
CIELab	65.22, -11.85, -5.69
CIElCh	65, 13.143, 205.660
Yxy	34.3266, 0.2779, 0.3242
Android (android.graphics.Color)	4286621096 (0xFF80A5A8)
YUV	154.2790, 6.7645, -23.0467
Hunter-Lab	58.5889, -12.8826, -1.6124

Details

The Hex color **80A5A8** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A88380**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B6DCDF**, and **4D7174** is the 20% darker color. If you saturate the color by 10%, you get **6FA4A8**, and if you desaturate by 10%, it is **91A6A8**.

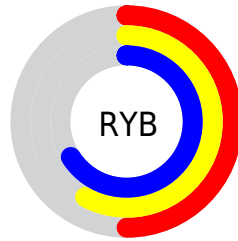
Distribution



Red (50%)

Green (65%)

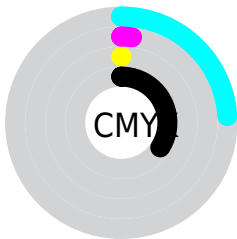
Blue (66%)



Red (50%)

Yellow (58%)

Blue (66%)

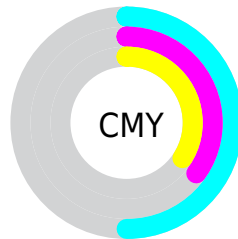


Cyan (24%)

Magenta (2%)

Yellow (0%)

Black (34%)



Cyan (50%)

Magenta (35%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80A5A8 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 80A5A8 by changing the saturation by 10% instead.



80A5A8



80A5A8

FFFFFF



668B8E



B6DCDF



4D7174



D2F9FC



35595B



EEEFFF



1E4144



042B2E



001719



000000



80A5A8



80A5A8



6FA4A8



91A6A8

5EA2A8

A2A8A8

4EA1A8

B2A9A8

3DA0A8

C3AAA8

2C9FA8

D4ABA8

1B9DA8

E5ADA8

0A9CA8

F6AEA8

009BA8

FFAFA8

FFB0A8

Harmonies

Analogous

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



85A59C



80A5A8



84A3B1

Triad

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



80A5A8



AC98AC



AA9D87

Complementary

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



80A5A8



A88380

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.



B3998B



80A5A8



B596A0

Square

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



80A5A8



9E9CB3



B79795



9DA189

Rectangle

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



80A5A8



8BA1B5



B79795



AD9C88

Sweetspot

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



80A5A8



CCDADB



80A883



656D6E



EDEDED



6E6E6E

Same Dimension

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



80A5A8



9CD7DB



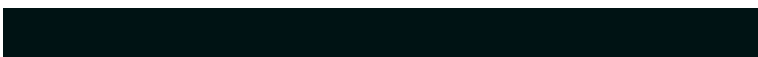
8091A8



4C5454



008994



001314

Inverse Universe

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



A880A5



DB9CD7



A89780



544C54



940089



140013

Previews

White Background



This preview shows how the Hex color 80A5A8 looks on a white background.

Color Contrast Check

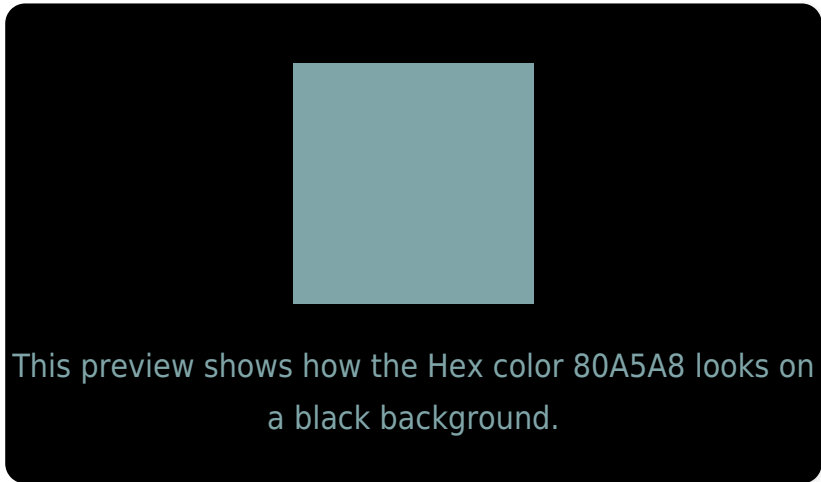
Large Text (above 18pt) WCAG AA × Fail

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

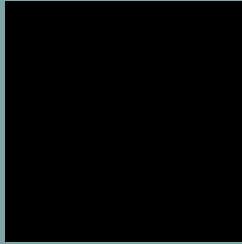
Any Text WCAG AA ✓ Pass

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 80A5A8 Background



This preview shows how black text looks on a background with the Hex color 80A5A8.

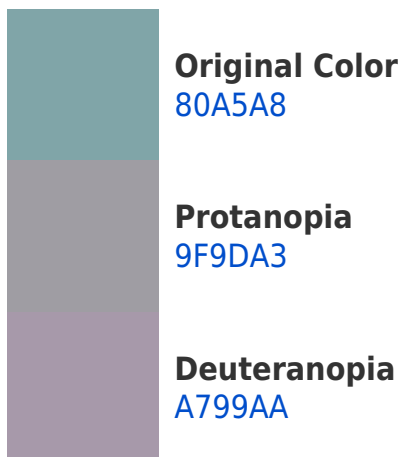


This preview shows how white text looks on a background with the Hex color 80A5A8.

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](#).

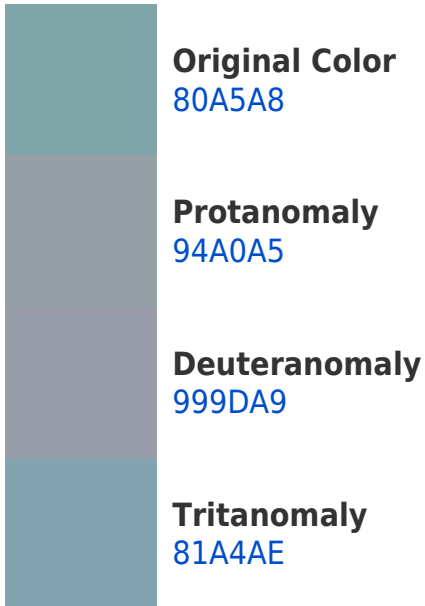
Dichromacy



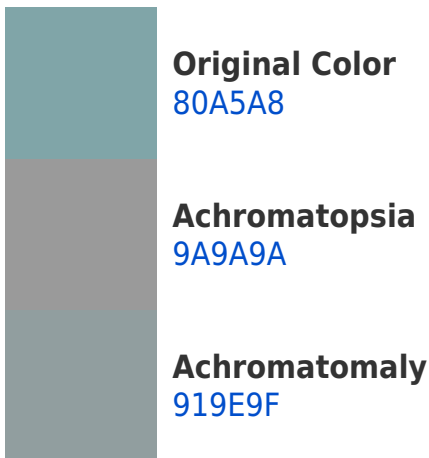


Tritanopia
82A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80A5A8 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 #80A5A8 looks like.

```
.text, #text, p{  
    color:#80A5A8  
}
```

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 #80A5A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A5A8
}
```

Border

The CSS property to change the border of an element to Hex 80A5A8 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
#80A5A8 }
```

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

```
.border{ border-color:#80A5A8 }
```

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

Here you see how a box with a 4 pixel #80A5A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A5A8; -webkit-box-shadow:4px 4px  
4px 4px #80A5A8; box-shadow:4px 4px 4px  
4px #80A5A8 }
```

Background

The CSS property to change the background color of an element to Hex 80A5A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A5A8 }
```

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

```
.background{ background-color:#80A5A8 }
```

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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