

# Converting Colors

Hex(82A5A0)

Have a look what the booklet for  
Hex(82A5A0) contains.

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# **Color**

**Hex(82A5A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82A5A0
RGB	130, 165, 160
RGB Percent	51%, 65%, 63%
CMY	0.4902, 0.3529, 0.3725
CMYK	0.21, 0.00, 0.03, 0.35
HSL	171°, 16%, 58%
HSV	171°, 21%, 65%
XYZ	29.0062, 34.1942, 38.3290
YIQ	153.9650, -19.2550, -8.9750

# Conversions

## Conversions Part 2

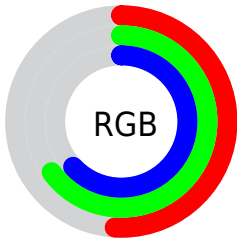
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 149, 165
Decimal	8562080
CIELab	65.12, -13.01, -1.36
CIELCh	65, 13.080, 185.972
Yxy	34.1942, 0.2857, 0.3368
Android (android.graphics.Color)	4286752160 (0xFF82A5A0)
YUV	153.9650, 2.9753, -21.0173
Hunter-Lab	58.4758, -13.7898, 2.0703

# Details

The Hex color **82A5A0** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A58287**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B8DCD7**, and **50716D** is the 20% darker color. If you saturate the color by 10%, you get **71A59E**, and if you desaturate by 10%, it is **92A5A2**.

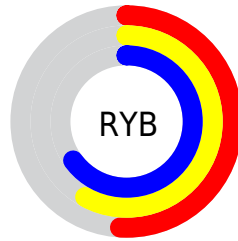
# Distribution



Red (51%)

Green (65%)

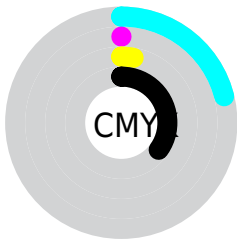
Blue (63%)



Red (51%)

Yellow (58%)

Blue (65%)

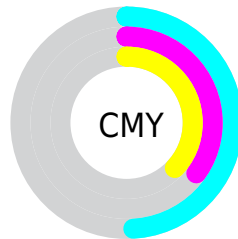


Cyan (21%)

Magenta (0%)

Yellow (3%)

Black (35%)



Cyan (49%)

Magenta (35%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82A5A0 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 82A5A0 by changing the saturation by 10% instead.





82A5A0



82A5A0

FFFFFF



688B86



B8DCD7



50716D



D3F9F3



385954



F0FFFF



21413D



092B28



001713



000000



82A5A0



82A5A0



71A59E



92A5A2

61A59B

A3A5A5

50A599

B3A5A7

40A597

C4A5A9

2FA594

D4A5AC

1FA592

E5A5AE

0EA58F

F5A5B1

00A58D

FFA5B3

FFA5B5

# Harmonies

## Analogous

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



8BA494



82A5A0



80A4AB

# Triad

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



82A5A0



A39AB1



B09A89

# Complementary

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



82A5A0



A58287

# 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.



B69791



82A5A0



B097A8

# Square

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



82A5A0



949EB5



B6969C



A59E87

# Rectangle

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



82A5A0



84A3B1



B6969C



B3998B



# Sweetspot

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



82A5A0



C9D6D4



87A582



646B6A



EBEBEB



6B6B6B



# Same Dimension

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



82A5A0



A1D6CF



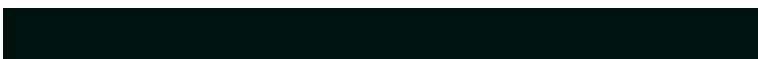
8299A5



495250



00917D



00120F



# Inverse Universe

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



A58287



D6A1A8



A58E82



52494B



910015



120003



# Previews

## White Background



This preview shows how the Hex color 82A5A0 looks on a white background.

## Color Contrast Check

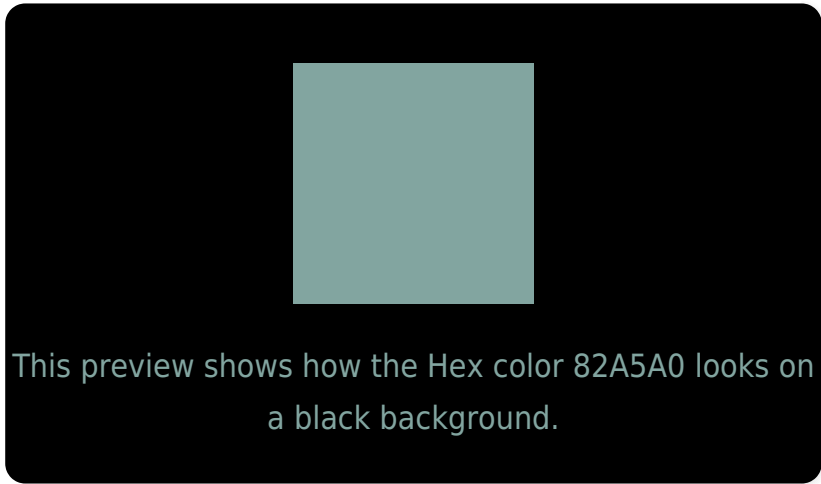
Large Text (above 18pt) WCAG AA × Fail

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

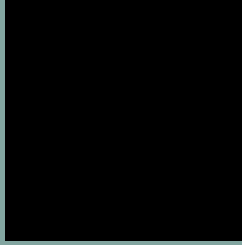
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

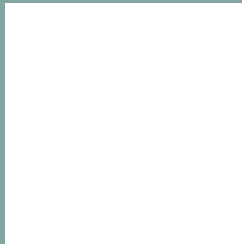
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 82A5A0 Background



This preview shows how black text looks on a background with the Hex color 82A5A0.

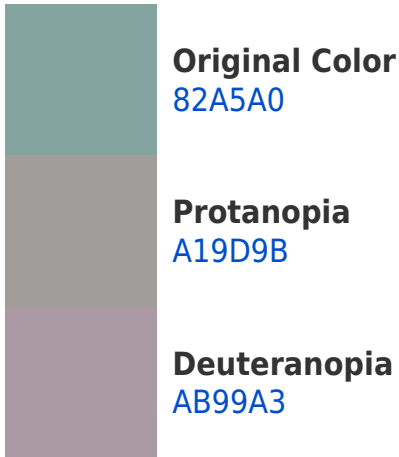


This preview shows how white text looks on a background with the Hex color 82A5A0.

# 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](#).

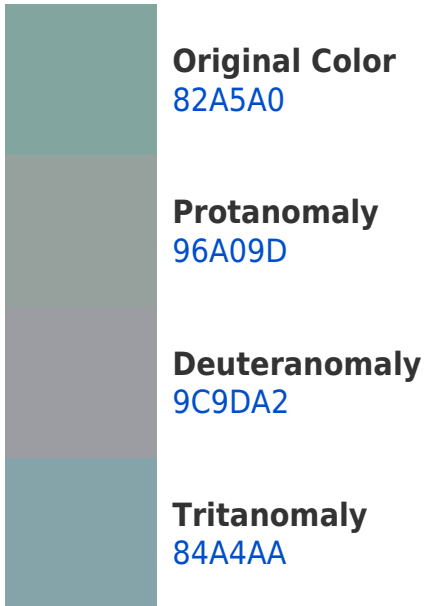
## Dichromacy



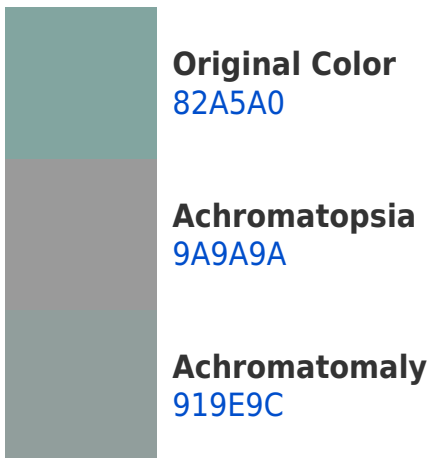


**Tritanopia**  
85A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82A5A0 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 #82A5A0 looks like.

```
.text, #text, p{  
    color:#82A5A0  
}
```

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 #82A5A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82A5A0
}
```

## Border

The CSS property to change the border of an element to Hex 82A5A0 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
#82A5A0 }
```

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

```
.border{ border-color:#82A5A0 }
```

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

Here you see how a box with a 4 pixel #82A5A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82A5A0; -webkit-box-shadow:4px 4px  
4px 4px #82A5A0; box-shadow:4px 4px 4px  
4px #82A5A0 }
```

# Background

The CSS property to change the background color of an element to Hex 82A5A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82A5A0 }
```

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

```
.background{ background-color:#82A5A0 }
```

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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