

# Converting Colors

Hex(82AB90)

Have a look what the booklet for  
Hex(82AB90) contains.

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# **Color**

**Hex(82AB90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82AB90
RGB	130, 171, 144
RGB Percent	51%, 67%, 56%
CMY	0.4902, 0.3294, 0.4353
CMYK	0.24, 0.00, 0.16, 0.33
HSL	140°, 20%, 59%
HSV	140°, 24%, 67%
XYZ	28.8029, 35.8853, 31.7940
YIQ	155.6630, -15.7690, -17.0890

# Conversions

## Conversions Part 2

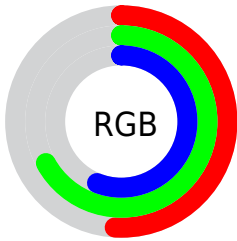
Format	Color
<a href="#">RYB</a>	<a href="#">130, 161, 171</a>
Decimal	<a href="#">8563600</a>
CIELab	<a href="#">66.43, -19.47, 9.44</a>
CIELCh	<a href="#">66, 21.636, 154.136</a>
Yxy	<a href="#">35.8853, 0.2985, 0.3719</a>
Android (android.graphics.Color)	<a href="#">4286753680 (0xFF82AB90)</a>
YUV	<a href="#">155.6630, -5.7499, -22.5065</a>
Hunter-Lab	<a href="#">59.9043, -19.0071, 10.4650</a>

# Details

The Hex color **82AB90** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AB829D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B8E2C6**, and **50775E** is the 20% darker color. If you saturate the color by 10%, you get **71AB85**, and if you desaturate by 10%, it is **93AB9B**.

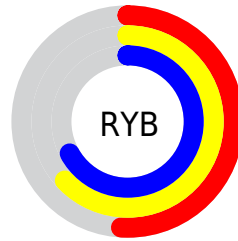
# Distribution



Red (51%)

Green (67%)

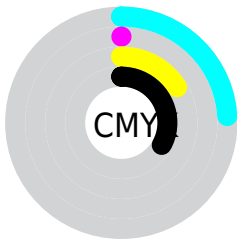
Blue (56%)



Red (51%)

Yellow (63%)

Blue (67%)

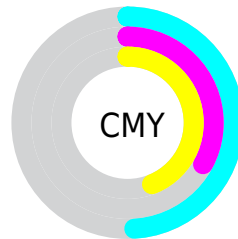


Cyan (24%)

Magenta (0%)

Yellow (16%)

Black (33%)



Cyan (49%)

Magenta (33%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82AB90 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 82AB90 by changing the saturation by 10% instead.





82AB90



82AB90

FFFFFF



689076



B8E2C6



50775E



D3FFE2



385E46



F0FFFE



204630



082F1B



001C00



000000



82AB90



82AB90



71AB85



93AB9B

 60AB79

 A4ABA7

 4FAB6E

 B5ABB2

 3EAB63

 C6ABBD

 2CAB58

 D7ABC8

 1BAB4C

 E9ABD4

 0AAB41

 FAABDF

 00AB3A

 FFABEA

 FFABF5

# Harmonies

## Analogous

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



98A781



82AB90



70ADA4

# Triad

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



82AB90



8EA2C8



C8958D

# Complementary

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



82AB90



AB829D

# 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.



C8949F



82AB90



A89CC2

# Square

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



82AB90



76A8C4



BD96B3



BF9B7F

# Rectangle

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



82AB90



6BACB1



BD96B3



CA9493



# Sweetspot

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



82AB90



CEDED4



9DAB82



67706A



F0F0F0



707070



# Same Dimension

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



82AB90



9EDEB3



82ABA4



4E5751



009633



001708



# Inverse Universe

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



AB829D



DE9EC8



AB8289



574E54



960063



17000F



# Previews

## White Background



This preview shows how the Hex color 82AB90 looks on a white background.

## Color Contrast Check

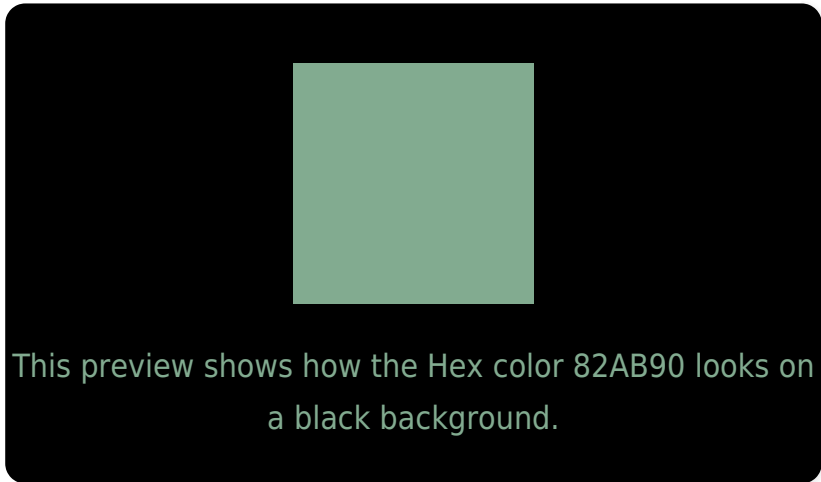
Large Text (above 18pt) WCAG AA × Fail

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

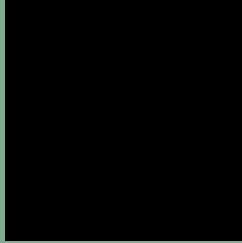
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 82AB90 Background



This preview shows how black text looks on a background with the Hex color 82AB90.

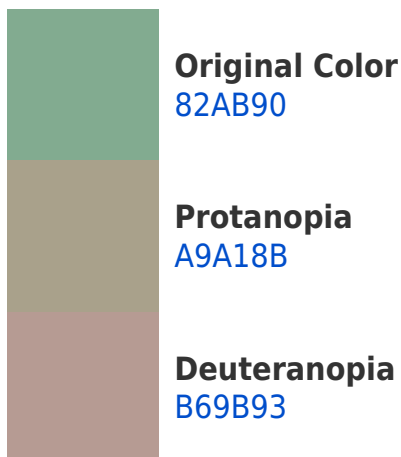


This preview shows how white text looks on a background with the Hex color 82AB90.

# 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](#).

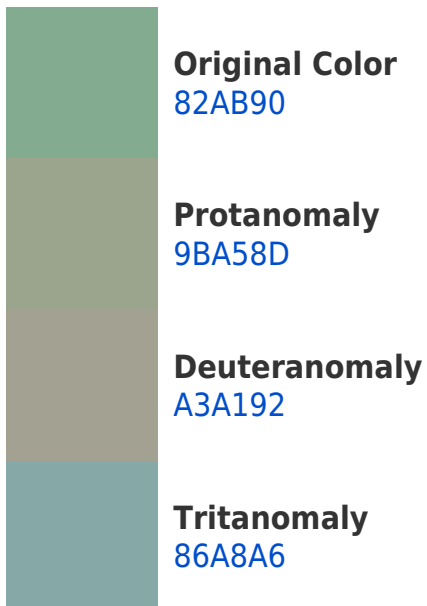
## Dichromacy



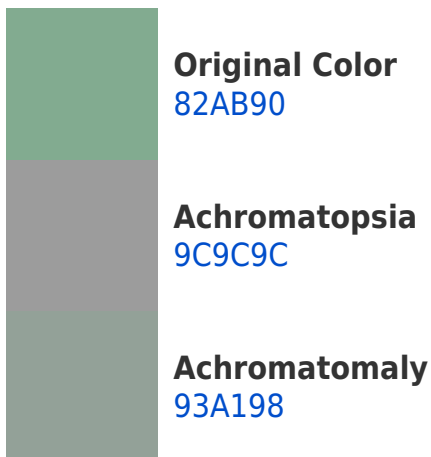


**Tritanopia**  
89A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82AB90 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 #82AB90 looks like.

```
.text, #text, p{  
    color:#82AB90  
}
```

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 #82AB90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82AB90  
}
```

## Border

The CSS property to change the border of an element to Hex 82AB90 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  
#82AB90 }
```

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

```
.border{ border-color:#82AB90 }
```

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

Here you see how a box with a 4 pixel #82AB90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82AB90; -webkit-box-shadow:4px 4px  
4px 4px #82AB90; box-shadow:4px 4px 4px  
4px #82AB90 }
```

# Background

The CSS property to change the background color of an element to Hex 82AB90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82AB90 }
```

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

```
.background{ background-color:#82AB90 }
```

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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