

# Converting Colors

Hex(80A893)

Have a look what the booklet for  
Hex(80A893) contains.

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# **Color**

**Hex(80A893)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80A893
RGB	128, 168, 147
RGB Percent	50%, 66%, 58%
CMY	0.4980, 0.3412, 0.4235
CMYK	0.24, 0.00, 0.13, 0.34
HSL	148°, 19%, 58%
HSV	148°, 24%, 66%
XYZ	28.1712, 34.7010, 32.8170
YIQ	153.6460, -17.0990, -15.0110

# Conversions

## Conversions Part 2

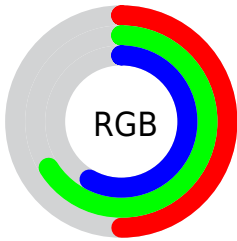
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">128, 155, 168</a>
Decimal	<a href="#">8431763</a>
CIELab	<a href="#">65.52, -17.99, 6.45</a>
CIELCh	<a href="#">66, 19.111, 160.277</a>
Yxy	<a href="#">34.7010, 0.2944, 0.3626</a>
Android (android.graphics.Color)	<a href="#">4286621843 (0xFF80A893)</a>
YUV	<a href="#">153.6460, -3.2765, -22.4915</a>
Hunter-Lab	<a href="#">58.9076, -17.7248, 8.2053</a>

# Details

The Hex color **80A893** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A88095**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B5DFC9**, and **4E7460** is the 20% darker color. If you saturate the color by 10%, you get **6FA88A**, and if you desaturate by 10%, it is **91A89C**.

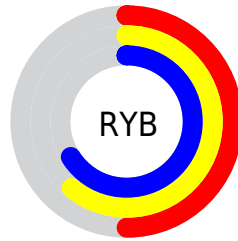
# Distribution



Red (50%)

Green (66%)

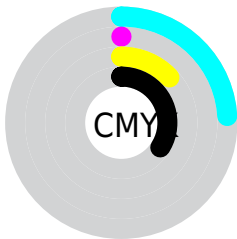
Blue (58%)



Red (50%)

Yellow (61%)

Blue (66%)

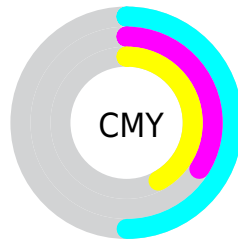


Cyan (24%)

Magenta (0%)

Yellow (13%)

Black (34%)



Cyan (50%)

Magenta (34%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80A893 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 80A893 by changing the saturation by 10% instead.





80A893



80A893

FFFFFF



668D79



B5DFC9



4E7460



D1FCE5



365B49



EEFFFF



1F4332



072D1D



001A04



000000



80A893



80A893



6FA88A



91A89C

 5EA881

 A2A8A5

 4EA879

 B2A8AD

 3DA870

 C3A8B6

 2CA867

 D4A8BF

 1BA85E

 E5A8C8

 0AA855

 F6A8D1

 00A850

 FFA8DA

 FFA8E2

# Harmonies

## Analogous

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



93A585



80A893



73A9A5

# Triad

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



80A893



939FC1



C1958A

# Complementary

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



80A893



A88095

# 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.



C2939A



80A893



A999B9

# Square

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



80A893



7EA4BF



BA94AB



B69A7F

# Rectangle

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



80A893



70A8B0



BA94AB



C2948F



# Sweetspot

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



80A893



CCDBD3



95A880



656E69



EDEDED



6E6E6E



# Same Dimension

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



80A893



9CDBBA



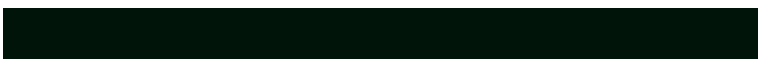
80A8A7



4C5450



009446



00140A



# Inverse Universe

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



A88095



DB9CBD



A88081



544C50



94004E



14000B



# Previews

## White Background



This preview shows how the Hex color 80A893 looks on a white background.

## Color Contrast Check

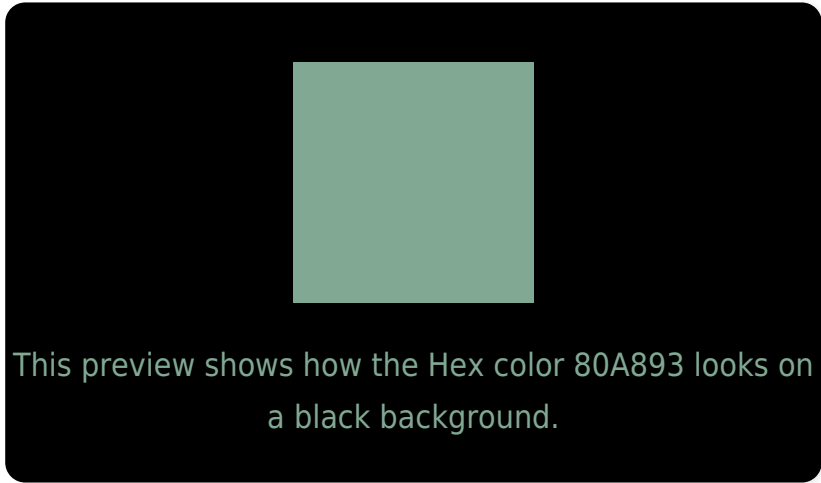
Large Text (above 18pt) WCAG AA × Fail

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

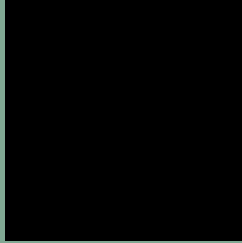
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

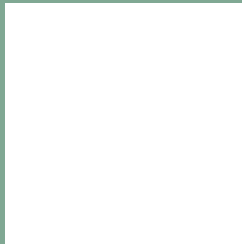
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 80A893 Background



This preview shows how black text looks on a background with the Hex color 80A893.

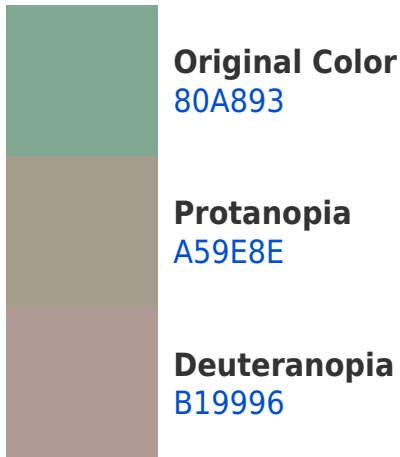


This preview shows how white text looks on a background with the Hex color 80A893.

# 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



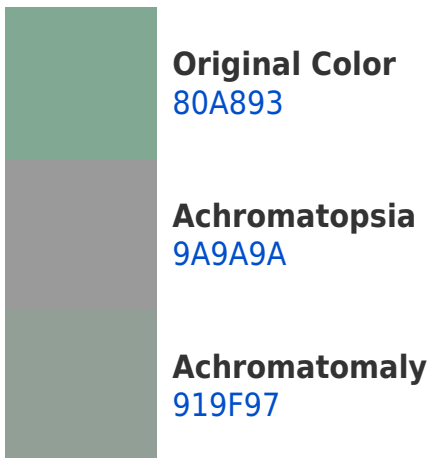


**Tritanopia**  
86A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80A893 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 #80A893 looks like.

```
.text, #text, p{  
    color:#80A893  
}
```

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 #80A893 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A893
}
```

## Border

The CSS property to change the border of an element to Hex 80A893 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
#80A893 }
```

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

```
.border{ border-color:#80A893 }
```

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

Here you see how a box with a 4 pixel #80A893 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A893; -webkit-box-shadow:4px 4px  
4px 4px #80A893; box-shadow:4px 4px 4px  
4px #80A893 }
```

# Background

The CSS property to change the background color of an element to Hex 80A893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A893 }
```

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

```
.background{ background-color:#80A893 }
```

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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