

# Converting Colors

Hex(819A88)

Have a look what the booklet for  
Hex(819A88) contains.

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# Color

**Hex(819A88)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	819A88
RGB	129, 154, 136
RGB Percent	51%, 60%, 53%
CMY	0.4941, 0.3961, 0.4667
CMYK	0.16, 0.00, 0.12, 0.40
HSL	137°, 11%, 55%
HSV	137°, 16%, 60%
XYZ	25.0528, 29.5559, 27.6770
YIQ	144.4730, -9.1220, -10.8980

# Conversions

## Conversions Part 2

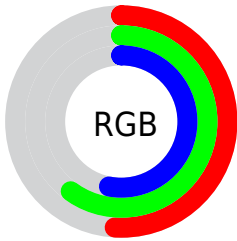
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 149, 154
Decimal	8493704
CIE <sub>Lab</sub>	61.27, -12.47, 6.53
CIE <sub>LCh</sub>	61, 14.078, 152.363
Yxy	29.5559, 0.3045, 0.3592
Android (android.graphics.Color)	4286683784 (0xFF819A88)
YUV	144.4730, -4.1772, -13.5698
Hunter-Lab	54.3653, -12.8825, 7.8716

# Details

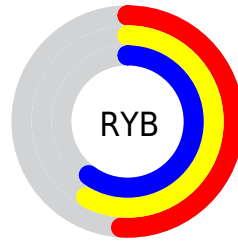
The Hex color **819A88** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9A8193**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **B6D0BD**, and **4F6756** is the 20% darker color. If you saturate the color by 10%, you get **729A7D**, and if you desaturate by 10%, it is **909A93**.

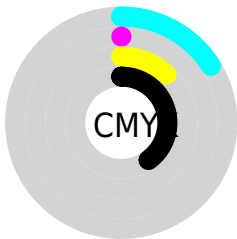
# Distribution



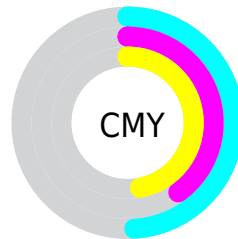
- Red (51%)
- Green (60%)
- Blue (53%)



- Red (51%)
- Yellow (58%)
- Blue (60%)



- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (40%)



- Cyan (49%)
- Magenta (40%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 819A88 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 819A88 by changing the saturation by 10% instead.





819A88



819A88

FFFFFF



68806F



B6D0BD



4F6756



D2EDD9



384F3F



EEEFF6



223829



0D2215



000900



000000



819A88



819A88



729A7D



909A93

629A72

A09A9E

539A67

AF9AA9

439A5C

BF9AB4

349A51

CE9ABF

259A45

DD9ACB

159A3A

ED9AD6

069A2F

FC9AE1

009A2B

FF9AEC

# Harmonies

## Analogous

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



8F977F



819A88



779B94

# Triad

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



819A88



8795AC



AE8C87

# Complementary

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



819A88



9A8193

# 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.



AD8B93



819A88



9890A9

# Square

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



819A88



7A98AA



A58DA0



A88F7E

# Rectangle

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



819A88



739B9D



A58DA0



AE8C8B



# Sweetspot

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



819A88



BFC9C2



939A81



606662



E6E6E6



666666



# Same Dimension

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



819A88



A3C9AE



819A94



454D47



008C27



000D04



# Inverse Universe

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



9A8193



C9A3BF



9A8187



4D454A



8C0065

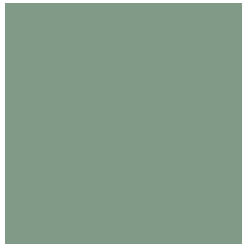


0D0009



# Previews

## White Background



This preview shows how the Hex color 819A88 looks on a white background.

## Color Contrast Check

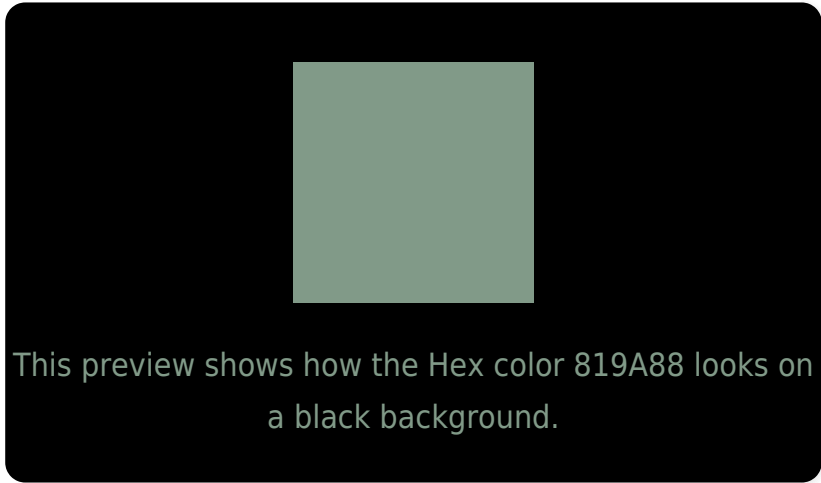
Large Text (above 18pt) WCAG AA ✓ Pass

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

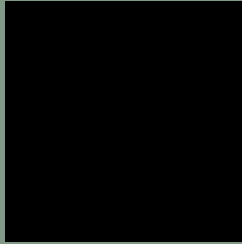
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 819A88 Background



This preview shows how black text looks on a background with the Hex color 819A88.

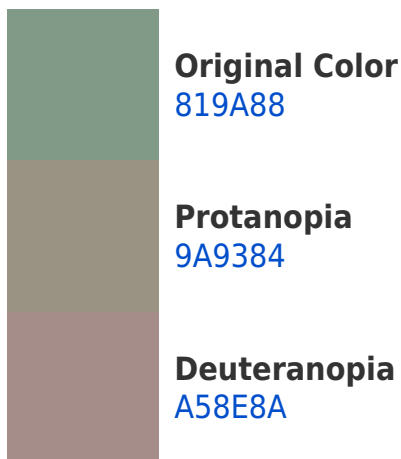


This preview shows how white text looks on a background with the Hex color 819A88.

# 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



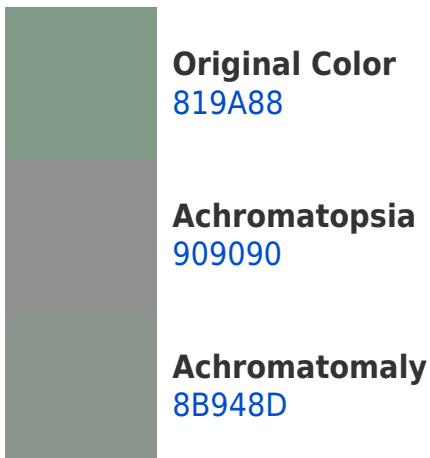


**Tritanopia**  
8696A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 819A88 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 #819A88 looks like.

```
.text, #text, p{  
    color:#819A88  
}
```

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 #819A88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #819A88
}
```

## Border

The CSS property to change the border of an element to Hex 819A88 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
#819A88 }
```

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

```
.border{ border-color:#819A88 }
```

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

Here you see how a box with a 4 pixel #819A88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #819A88; -webkit-box-shadow:4px 4px  
4px 4px #819A88; box-shadow:4px 4px 4px  
4px #819A88 }
```

# Background

The CSS property to change the background color of an element to Hex 819A88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#819A88 }
```

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

```
.background{ background-color:#819A88 }
```

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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