

# Converting Colors

Hex(8B909D)

Have a look what the booklet for  
Hex(8B909D) contains.

<b>Hex(8B909D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(8B909D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B909D
RGB	139, 144, 157
RGB Percent	55%, 56%, 62%
CMY	0.4549, 0.4353, 0.3843
CMYK	0.11, 0.08, 0.00, 0.38
HSL	223°, 8%, 58%
HSV	223°, 11%, 62%
XYZ	26.7065, 27.8698, 35.8701
YIQ	143.9870, -7.1530, 2.9830

# Conversions

## Conversions Part 2

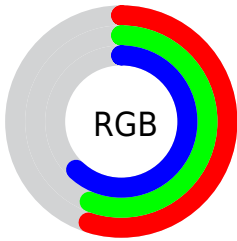
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 143, 157
Decimal	9146525
CIE Lab	59.77, 0.89, -7.49
CIE LCh	60, 7.543, 276.775
Yxy	27.8698, 0.2953, 0.3081
Android (android.graphics.Color)	4287336605 (0xFF8B909D)
YUV	143.9870, 6.4154, -4.3736
Hunter-Lab	52.7919, -2.0856, -3.3311

# Details

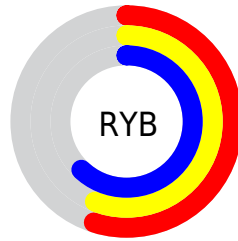
The Hex color **8B909D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9D988B**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **C1C6D4**, and **595E6A** is the 20% darker color. If you saturate the color by 10%, you get **7B859D**, and if you desaturate by 10%, it is **9B9B9D**.

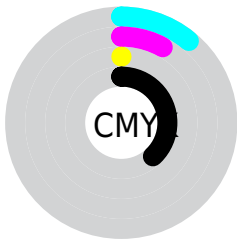
# Distribution



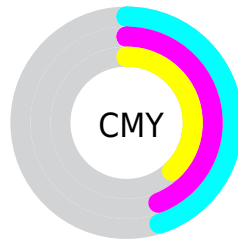
- Red (55%)
- Green (56%)
- Blue (62%)



- Red (55%)
- Yellow (56%)
- Blue (62%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (38%)



- Cyan (45%)
- Magenta (44%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B909D 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 8B909D by changing the saturation by 10% instead.





8B909D



8B909D

FFFFFF



717683



C1C6D4



595E6A



DCE2F0



414652



F9FEFF



2B303B



161B25



000110



000000



8B909D



8B909D



7B859D



9B9B9D

■ 6C799D

■ AAA79D

■ 5C6E9D

■ BAB29D

■ 4C639D

■ CABD9D

■ 3C579D

■ DAC99D

■ 2D4C9D

■ E9D49D

■ 1D419D

■ F9DF9D

■ 0D359D

■ FFEB9D

■ 002C9D

■ FFF69D

# Harmonies

## Analogous

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



84929C



8B909D



938E9B

# Triad

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



8B909D



9E8C88



85938B

# Complementary

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



8B909D



9D988B

# 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.



8C9285



8B909D



9A8E84

# Square

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



8B909D



9E8C8F



949083



819491

# Rectangle

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



8B909D



988D97



949083



879389



# Sweetspot

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



8B909D



C6C8CC



8B9D98



626366



E6E6E6



666666



# Same Dimension

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



8B909D



AFB7CC



8F8B9D



47494F



00288F



00040F



# Inverse Universe

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



9D8B90



CCAFB7



999D8B



4F4749



8F0028



0F0004



# Previews

## White Background



This preview shows how the Hex color 8B909D looks on a white background.

## Color Contrast Check

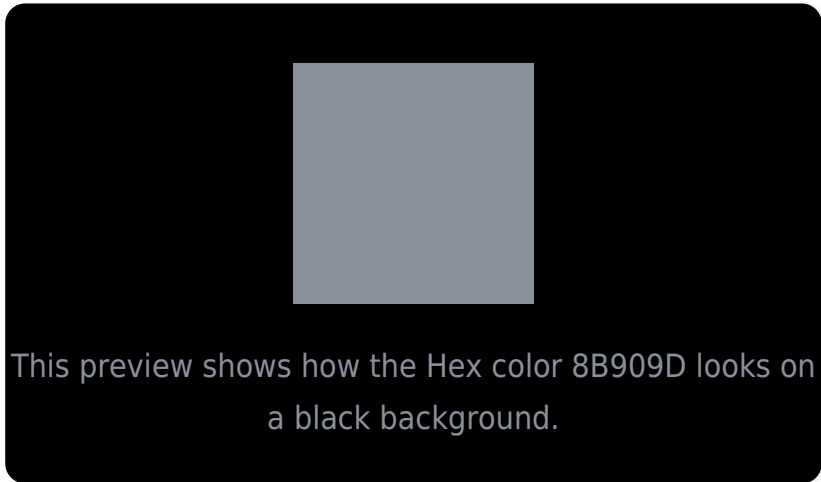
Large Text (above 18pt) WCAG AA ✓ Pass

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

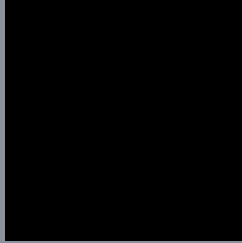
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

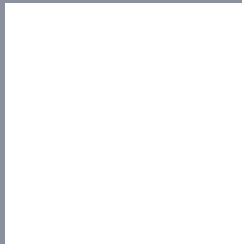
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8B909D Background



This preview shows how black text looks on a background with the Hex color 8B909D.

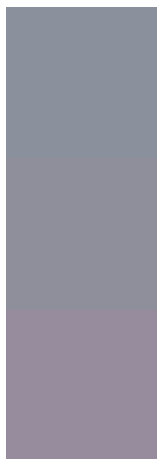


This preview shows how white text looks on a background with the Hex color 8B909D.

# 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



**Original Color**  
8B909D

**Protanopia**  
8F8F9C

**Deuteranopia**  
978C9E



**Tritanopia**  
8B909C

# Trichromacy



**Original Color**  
8B909D

**Protanomaly**  
8E8F9C

**Deuteranomaly**  
938D9E

**Tritanomaly**  
8B909C

# Monochromacy



**Original Color**  
8B909D

**Achromatopsia**  
909090

**Achromatomaly**  
8E9095

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B909D 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 #8B909D looks like.

```
.text, #text, p{  
    color:#8B909D  
}
```

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 #8B909D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B909D
}
```

## Border

The CSS property to change the border of an element to Hex 8B909D 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
#8B909D }
```

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

```
.border{ border-color:#8B909D }
```

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

Here you see how a box with a 4 pixel #8B909D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B909D; -webkit-box-shadow:4px 4px  
4px 4px #8B909D; box-shadow:4px 4px 4px  
4px #8B909D }
```

# Background

The CSS property to change the background color of an element to Hex 8B909D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B909D }
```

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

```
.background{ background-color:#8B909D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor