

# Converting Colors

Hex(8B91A7)

Have a look what the booklet for  
Hex(8B91A7) contains.

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# **Color**

**Hex(8B91A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B91A7
RGB	139, 145, 167
RGB Percent	55%, 57%, 65%
CMY	0.4549, 0.4314, 0.3451
CMYK	0.17, 0.13, 0.00, 0.35
HSL	227°, 14%, 60%
HSV	227°, 17%, 65%
XYZ	27.7479, 28.5298, 40.6035
YIQ	145.7140, -10.6380, 5.5700

# Conversions

## Conversions Part 2

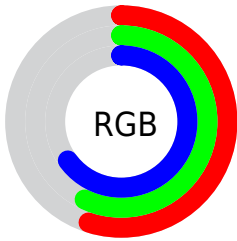
Format	Color
R <sub>Y</sub> B	139, 144, 167
Decimal	9146791
CIE Lab	60.36, 2.53, -12.29
CIE LCh	60, 12.552, 281.649
Yxy	28.5298, 0.2864, 0.2945
Android (android.graphics.Color)	4287336871 (0xFF8B91A7)
YUV	145.7140, 10.4940, -5.8882
Hunter-Lab	53.4133, -0.7435, -7.6816

# Details

The Hex color **8B91A7** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A7A18B**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **C1C7DE**, and **595F73** is the 20% darker color. If you saturate the color by 10%, you get **7A84A7**, and if you desaturate by 10%, it is **9C9EA7**.

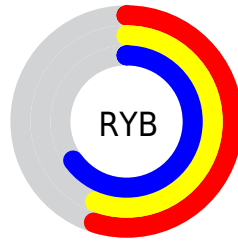
# Distribution



Red (55%)

Green (57%)

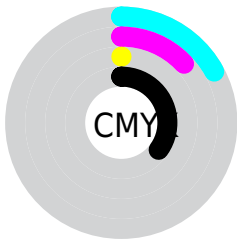
Blue (65%)



Red (55%)

Yellow (56%)

Blue (65%)

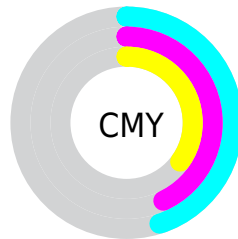


Cyan (17%)

Magenta (13%)

Yellow (0%)

Black (35%)



Cyan (45%)

Magenta (43%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B91A7 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 8B91A7 by changing the saturation by 10% instead.





8B91A7



8B91A7

FFFFFF



71778D



C1C7DE



595F73



DDE3FB



41475A



F9FFFF



2A3143



151C2D



000119



000000



8B91A7



8B91A7



7A84A7



9C9EA7

■ 6A77A7

■ ACABA7

■ 596AA7

■ BDB8A7

■ 485DA7

■ CEC5A7

■ 374FA7

■ DED3A7

■ 2742A7

■ EFE0A7

■ 1635A7

■ FFEDA7

■ 0528A7

■ FFFAA7

■ 0024A7

■ FFFFA7

# Harmonies

## Analogous

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



7E95A6



8B91A7



998DA2

# Triad

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



8B91A7



A88B83



7D978A

# Complementary

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



8B91A7



A7A18B

# 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.



899581



8B91A7



A18E7D

# Square

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



8B91A7



A98A8D



96927C



769896

# Rectangle

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



8B91A7



A18B9C



96927C



819787

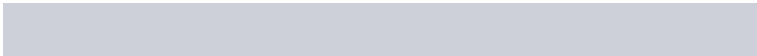


# Sweetspot

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



8B91A7



CED0D9



8BA7A1



67686E



EDEDED



6E6E6E



# Same Dimension

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



8B91A7



ADB7D9



938BA7



4C4E54



002094



000414



# Inverse Universe

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



A78B91



D9ADB7



9FA78B



544C4E



940020

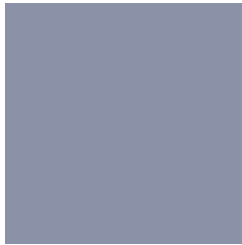


140004



# Previews

## White Background



This preview shows how the Hex color 8B91A7 looks on a white background.

## Color Contrast Check

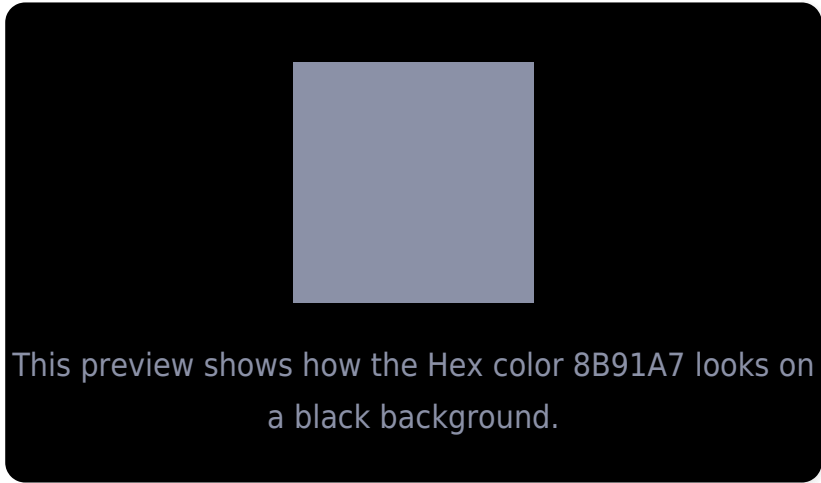
Large Text (above 18pt) WCAG AA ✓ Pass

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

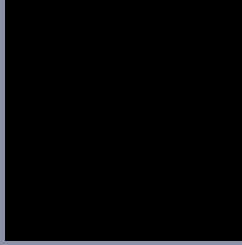
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

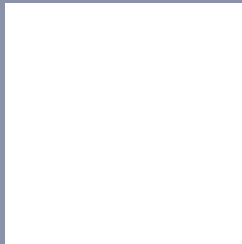
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8B91A7 Background



This preview shows how black text looks on a background with the Hex color 8B91A7.



This preview shows how white text looks on a background with the Hex color 8B91A7.

# 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**  
8B91A7

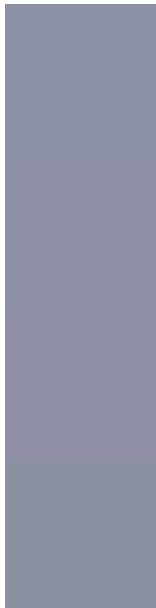
**Protanopia**  
8E90A7

**Deuteranopia**  
958EA8



**Tritanopia**  
89929E

# Trichromacy



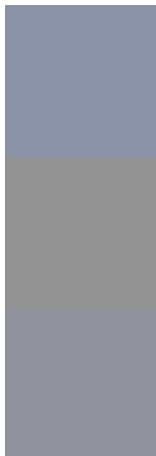
**Original Color**  
8B91A7

**Protanomaly**  
8D90A7

**Deuteranomaly**  
918FA8

**Tritanomaly**  
8A92A1

# Monochromacy



**Original Color**  
8B91A7

**Achromatopsia**  
929292

**Achromatomaly**  
8F929A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B91A7 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 #8B91A7 looks like.

```
.text, #text, p{  
    color:#8B91A7  
}
```

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 #8B91A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B91A7
}
```

## Border

The CSS property to change the border of an element to Hex 8B91A7 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
#8B91A7 }
```

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

```
.border{ border-color:#8B91A7 }
```

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

Here you see how a box with a 4 pixel #8B91A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B91A7; -webkit-box-shadow:4px 4px  
4px 4px #8B91A7; box-shadow:4px 4px 4px  
4px #8B91A7 }
```

# Background

The CSS property to change the background color of an element to Hex 8B91A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B91A7 }
```

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

```
.background{ background-color:#8B91A7 }
```

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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