

# Converting Colors

Hex(8491A3)

Have a look what the booklet for  
Hex(8491A3) contains.

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# **Color**

**Hex(8491A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8491A3
RGB	132, 145, 163
RGB Percent	52%, 57%, 64%
CMY	0.4824, 0.4314, 0.3608
CMYK	0.19, 0.11, 0.00, 0.36
HSL	215°, 14%, 58%
HSV	215°, 19%, 64%
XYZ	26.2520, 27.8007, 38.6328
YIQ	143.1650, -13.5260, 2.8420

# Conversions

## Conversions Part 2

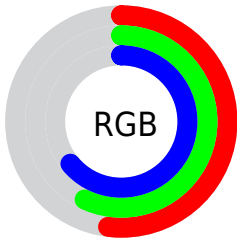
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 141, 163</a>
Decimal	<a href="#">8688035</a>
CIELab	<a href="#">59.71, -0.71, -11.06</a>
CIELCh	<a href="#">60, 11.080, 266.334</a>
Yxy	<a href="#">27.8007, 0.2832, 0.2999</a>
Android (android.graphics.Color)	<a href="#">4286878115 (0xFF8491A3)</a>
YUV	<a href="#">143.1650, 9.7787, -9.7917</a>
Hunter-Lab	<a href="#">52.7263, -3.3975, -6.5335</a>

# Details

The Hex color **8491A3** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A39684**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B9C7DA**, and **525F6F** is the 20% darker color. If you saturate the color by 10%, you get **7488A3**, and if you desaturate by 10%, it is **949AA3**.

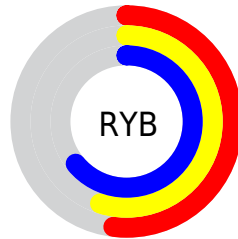
# Distribution



Red (52%)

Green (57%)

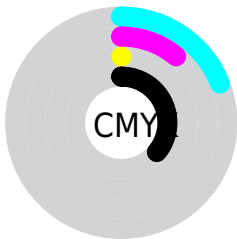
Blue (64%)



Red (52%)

Yellow (55%)

Blue (64%)

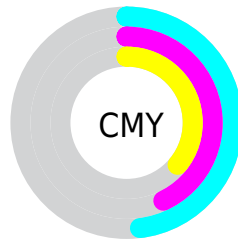


Cyan (19%)

Magenta (11%)

Yellow (0%)

Black (36%)



Cyan (48%)

Magenta (43%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8491A3 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 8491A3 by changing the saturation by 10% instead.





8491A3



8491A3

FFFFFF



6B7789



B9C7DA



525F6F



D5E3F6



3B4757



F2FFFF



243140



0F1C2A



000116



000000



8491A3



8491A3



7488A3



949AA3

637EA3

A5A4A3

5375A3

B5ADA3

436BA3

C5B7A3

3362A3

D6C0A3

2258A3

E6CAA3

124FA3

F6D3A3

0245A3

FFDDA3

0044A3

FFE6A3

# Harmonies

## Analogous

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



7A94A0



8491A3



908EA1

# Triad

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



8491A3



A58A88



839485

# Complementary

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



8491A3



A39684

# 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.



8E927E



8491A3



A18C80

# Square

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



8491A3



A38991



998F7D



7A968E

# Rectangle

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



8491A3



988C9D



998F7D



879482

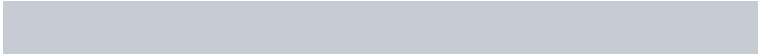


# Sweetspot

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



8491A3



C7CCD4



84A396



64676B



EBEBEB



6B6B6B



# Same Dimension

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



8491A3



A3B7D4



8684A3



494D52



003D91



000712



# Inverse Universe

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



A38491



D4A3B7



A1A384



52494D



91003D

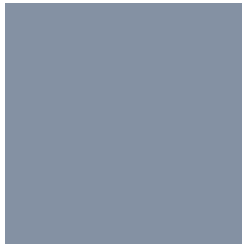


120007



# Previews

## White Background



This preview shows how the Hex color 8491A3 looks on a white background.

## Color Contrast Check

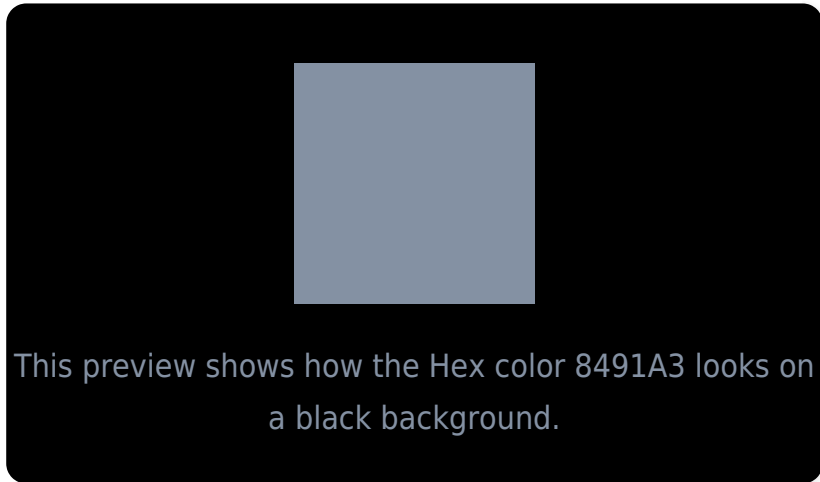
Large Text (above 18pt) WCAG AA ✓ Pass

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

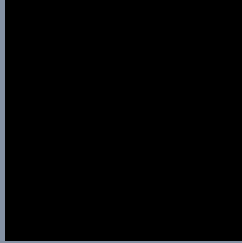
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

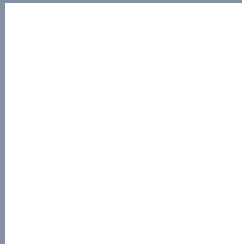
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8491A3 Background



This preview shows how black text looks on a background with the Hex color 8491A3.



This preview shows how white text looks on a background with the Hex color 8491A3.

# 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**  
8491A3

**Protanopia**  
8D8FA1

**Deuteranopia**  
948CA4



**Tritanopia**  
83929E

# Trichromacy



**Original Color**  
8491A3

**Protanomaly**  
8A90A2

**Deuteranomaly**  
8E8EA4

**Tritanomaly**  
8392A0

# Monochromacy



**Original Color**  
8491A3

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
8B9096

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8491A3 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 #8491A3 looks like.

```
.text, #text, p{  
    color:#8491A3  
}
```

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 #8491A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8491A3
}
```

## Border

The CSS property to change the border of an element to Hex 8491A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

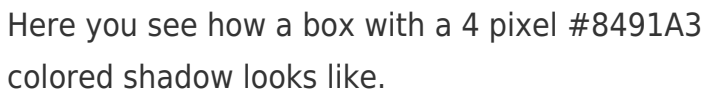
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8491A3 }
```

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

```
.border{ border-color:#8491A3 }
```

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



Here you see how a box with a 4 pixel #8491A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8491A3; -webkit-box-shadow:4px 4px  
4px 4px #8491A3; box-shadow:4px 4px 4px  
4px #8491A3 }
```

# Background

The CSS property to change the background color of an element to Hex 8491A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8491A3 }
```

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

```
.background{ background-color:#8491A3 }
```

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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