

# Converting Colors

Hex(8A6C91)

Have a look what the booklet for  
Hex(8A6C91) contains.

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# Color

**Hex(8A6C91)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A6C91
RGB	138, 108, 145
RGB Percent	54%, 42%, 57%
CMY	0.4588, 0.5765, 0.4314
CMYK	0.05, 0.26, 0.00, 0.43
HSL	289°, 15%, 50%
HSV	289°, 26%, 57%
XYZ	20.9546, 18.1727, 29.1913
YIQ	121.1880, 6.0030, 17.8670

# Conversions

## Conversions Part 2

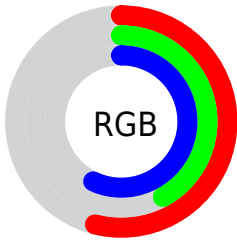
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 108, 145
Decimal	9071761
CIE <sub>Lab</sub>	49.70, 18.84, -15.68
CIE <sub>LCh</sub>	50, 24.512, 320.239
Yxy	18.1727, 0.3067, 0.2660
Android (android.graphics.Color)	4287261841 (0xFF8A6C91)
YUV	121.1880, 11.7393, 14.7441
Hunter-Lab	42.6295, 13.1405, -10.7593

# Details

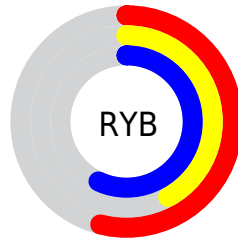
The Hex color **8A6C91** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **73916C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **C0A0C7**, and **583C5E** is the 20% darker color. If you saturate the color by 10%, you get **875E91**, and if you desaturate by 10%, it is **8D7B91**.

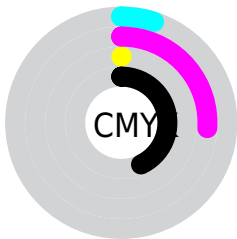
# Distribution



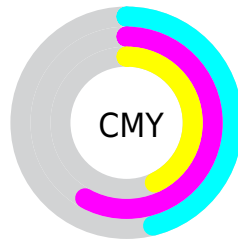
- Red (54%)
- Green (42%)
- Blue (57%)



- Red (54%)
- Yellow (42%)
- Blue (57%)



- Cyan (5%)
- Magenta (26%)
- Yellow (0%)
- Black (43%)



- Cyan (46%)
- Magenta (58%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A6C91 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 8A6C91 by changing the saturation by 10% instead.



8A6C91

8A6C91

FFFFFF

705477

C0A0C7

583C5E

DCBBE3

402647

F8D7FF

291130

FFF3FF

17001C

000000

8A6C91

8A6C91

875E91

8D7B91

854F91

8F8991

824191

929891

7F3291

95A691

7C2391

98B591

7A1591

9AC391

770691

9DD291

760091

A0E091

A3EF91

# Harmonies

## Analogous

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



6F739D



8A6C91



9B677E

# Triad

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



8A6C91



8B734D



328184

# Complementary

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



8A6C91



73916C

# 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.



46816E



8A6C91



76794F

# Square

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



8A6C91



9A6C57



5E7E5B



357F96

# Rectangle

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



8A6C91



9F6770



5E7E5B



37827D



# Sweetspot

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



8A6C91



BAAEBD



6C7391



5D555E



DEDEDE



5E5E5E



# Same Dimension

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



8A6C91



B282BD



916C86



464047



6E0087



060008



# Inverse Universe

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



916C73



BD828D



6C9177



474042



87001A

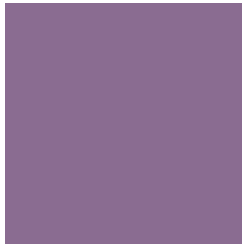


080001



# Previews

## White Background



This preview shows how the Hex color 8A6C91 looks on a white background.

## Color Contrast Check

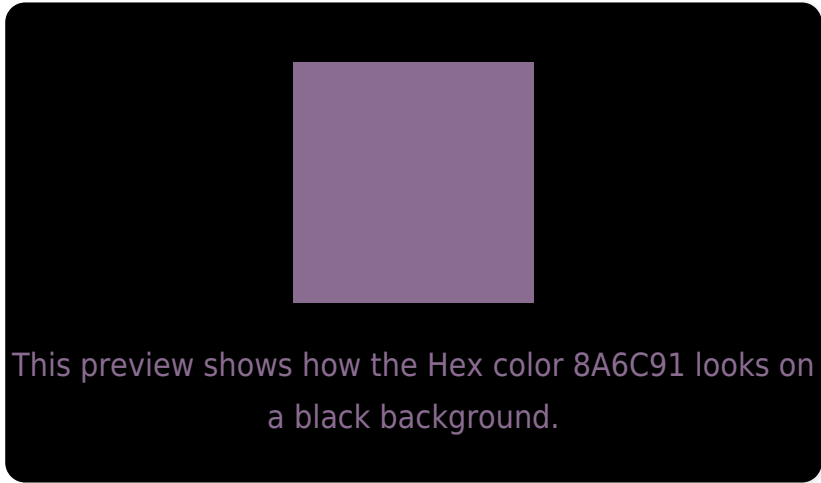
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

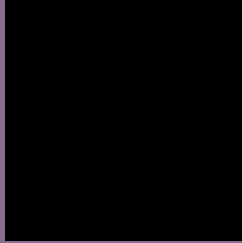
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8A6C91 Background



This preview shows how black text looks on a background with the Hex color 8A6C91.



This preview shows how white text looks on a background with the Hex color 8A6C91.

# 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**  
8A6C91

**Protanopia**  
6E7597

**Deuteranopia**  
75748F



**Tritanopia**  
877079

# Trichromacy



**Original Color**  
8A6C91

**Protanomaly**  
787295

**Deuteranomaly**  
7D7190

**Tritanomaly**  
886F82

# Monochromacy



**Original Color**  
8A6C91

**Achromatopsia**  
797979

**Achromatomaly**  
7F7482

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A6C91 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 #8A6C91 looks like.

```
.text, #text, p{  
    color:#8A6C91  
}
```

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 #8A6C91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A6C91
}
```

## Border

The CSS property to change the border of an element to Hex 8A6C91 is called "border". The border property can be set on classes, ids or directly on the HTML element.

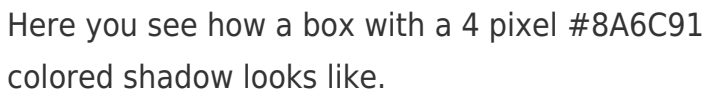
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A6C91 }
```

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

```
.border{ border-color:#8A6C91 }
```

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



Here you see how a box with a 4 pixel #8A6C91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A6C91; -webkit-box-shadow:4px 4px  
4px 4px #8A6C91; box-shadow:4px 4px 4px  
4px #8A6C91 }
```

# Background

The CSS property to change the background color of an element to Hex 8A6C91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A6C91 }
```

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

```
.background{ background-color:#8A6C91 }
```

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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