

# Converting Colors

Hex(8B6A88)

Have a look what the booklet for  
Hex(8B6A88) contains.

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# Color

**Hex(8B6A88)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B6A88
RGB	139, 106, 136
RGB Percent	55%, 42%, 53%
CMY	0.4549, 0.5843, 0.4667
CMYK	0.00, 0.24, 0.02, 0.45
HSL	305°, 13%, 48%
HSV	305°, 24%, 55%
XYZ	20.2454, 17.5746, 25.6177
YIQ	119.2870, 10.0380, 16.3260

# Conversions

## Conversions Part 2

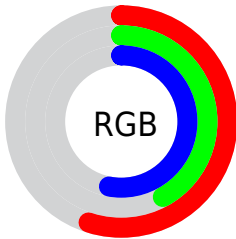
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 106, 136
Decimal	9136776
CIE <sub>Lab</sub>	48.98, 18.54, -11.44
CIE <sub>LCh</sub>	49, 21.784, 328.318
Yxy	17.5746, 0.3191, 0.2770
Android (android.graphics.Color)	4287326856 (0xFF8B6A88)
YUV	119.2870, 8.2395, 17.2883
Hunter-Lab	41.9221, 12.8394, -6.8855

# Details

The Hex color **8B6A88** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6A8B6D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **C19EBD**, and **583A56** is the 20% darker color. If you saturate the color by 10%, you get **8B5C87**, and if you desaturate by 10%, it is **8B7889**.

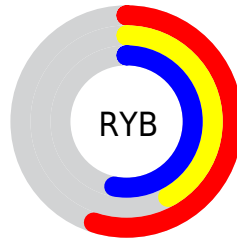
# Distribution



Red (55%)

Green (42%)

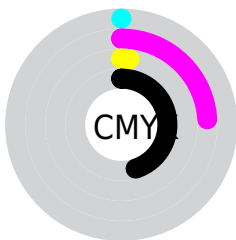
Blue (53%)



Red (55%)

Yellow (42%)

Blue (53%)

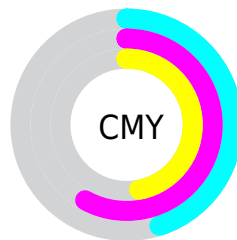


Cyan (0%)

Magenta (24%)

Yellow (2%)

Black (45%)



Cyan (45%)

Magenta (58%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B6A88 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 8B6A88 by changing the saturation by 10% instead.





8B6A88



8B6A88

FFFFFF



71526F



C19EBD



583A56



DDB9D9



41243F



FAD4F6



2A0F29



FFF1FF



160015



000000



8B6A88



8B6A88



8B5C87



8B7889



8B4E85



8B868B

 8B4084

 8B948C

 8B3283

 8BA28D

 8B2582

 8BB08E

 8B1780

 8BBD90

 8B097F

 8BCB91

 8B007E

 8BD992

 8BE793

# Harmonies

## Analogous

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



767095



8B6A88



976776

# Triad

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



8B6A88



827350



3B7E85

# Complementary

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



8B6A88



6A8B6D

# 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.



467F73



8B6A88



6F7954

# Square

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



8B6A88



916D56



5A7D60



437B93

# Rectangle

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



8B6A88



9A676A



5A7D60



3C7F7F



# Sweetspot

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



8B6A88



B5A8B4



6D6A8B



5C545B



DBDBDB



5C5C5C



# Same Dimension

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



8B6A88



B582B0



8B6A78



453E44



850079



050005



# Inverse Universe

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



8B6A88



B582B0



6A8B7D



453E44



850079

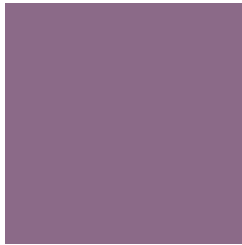


050005



# Previews

## White Background



This preview shows how the Hex color 8B6A88 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

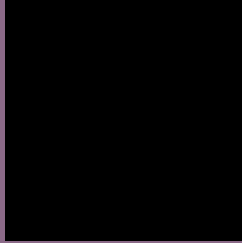
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8B6A88 Background



This preview shows how black text looks on a background with the Hex color 8B6A88.



This preview shows how white text looks on a background with the Hex color 8B6A88.

# 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**  
8B6A88

**Protanopia**  
6F738E

**Deuteranopia**  
777287



**Tritanopia**  
896D76

# Trichromacy



**Original Color**  
8B6A88

**Protanomaly**  
79708C

**Deuteranomaly**  
7E6F87

**Tritanomaly**  
8A6C7D

# Monochromacy



**Original Color**  
8B6A88

**Achromatopsia**  
777777

**Achromatomaly**  
7E727D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B6A88 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 #8B6A88 looks like.

```
.text, #text, p{  
    color:#8B6A88  
}
```

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 #8B6A88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B6A88
}
```

## Border

The CSS property to change the border of an element to Hex 8B6A88 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
#8B6A88 }
```

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

```
.border{ border-color:#8B6A88 }
```

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

Here you see how a box with a 4 pixel #8B6A88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B6A88; -webkit-box-shadow:4px 4px  
4px 4px #8B6A88; box-shadow:4px 4px 4px  
4px #8B6A88 }
```

# Background

The CSS property to change the background color of an element to Hex 8B6A88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B6A88 }
```

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

```
.background{ background-color:#8B6A88 }
```

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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