

# Converting Colors

Hex(8A86BA)

Have a look what the booklet for  
Hex(8A86BA) contains.

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# **Color**

**Hex(8A86BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A86BA
RGB	138, 134, 186
RGB Percent	54%, 53%, 73%
CMY	0.4588, 0.4745, 0.2706
CMYK	0.26, 0.28, 0.00, 0.27
HSL	245°, 27%, 63%
HSV	245°, 28%, 73%
XYZ	27.8693, 25.9986, 50.0037
YIQ	141.1240, -14.3080, 17.0200

# Conversions

## Conversions Part 2

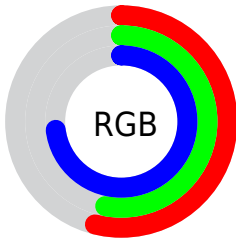
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 134, 186
Decimal	9078458
CIE <sub>Lab</sub>	58.04, 13.05, -26.66
CIE <sub>LCh</sub>	58, 29.681, 296.092
Yxy	25.9986, 0.2683, 0.2503
Android (android.graphics.Color)	4287268538 (0xFF8A86BA)
YUV	141.1240, 22.1239, -2.7397
Hunter-Lab	50.9889, 8.3332, -22.4523

# Details

The Hex color **8A86BA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B6BA86**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **C0BBF2**, and **575485** is the 20% darker color. If you saturate the color by 10%, you get **7973BA**, and if you desaturate by 10%, it is **9B99BA**.

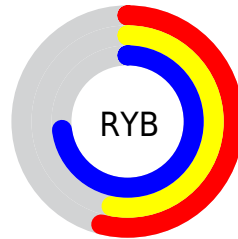
# Distribution



Red (54%)

Green (53%)

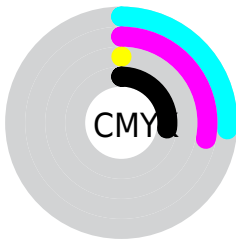
Blue (73%)



Red (54%)

Yellow (53%)

Blue (73%)

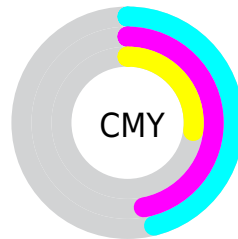


Cyan (26%)

Magenta (28%)

Yellow (0%)

Black (27%)



Cyan (46%)

Magenta (47%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A86BA 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 8A86BA by changing the saturation by 10% instead.



■ 8A86BA

■ 8A86BA

FFFFFF

■ 706D9F

■ C0BBF2

■ 575485

■ DCD7FF

■ 3E3D6B

■ F9F3FF

■ 262853

■ 0D143B

■ 000026

■ 00010E

■ 000000

■ 8A86BA

■ 8A86BA

7973BA

9B99BA

6861BA

ACABBA

564EBA

BEBEBA

453CBA

CFD0BA

3429BA

E0E3BA

2316BA

F1F6BA

1204BA

FFFFBA

0E00BA

# Harmonies

## Analogous

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



628FBF



8A86BA



A97DA9

# Triad

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



8A86BA



B48061



479987

# Complementary

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



8A86BA



B6BA86

# 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.



67976E



8A86BA



A08958

# Square

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



8A86BA



BE7976



86915C



2E99A1

# Rectangle

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



8A86BA



B77999



86915C



52997E



# Sweetspot

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



8A86BA



E0DFF2



86B7BA



6F6E7A



FAFAFA



7A7A7A



# Same Dimension

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



8A86BA



A6A0F2



A386BA



53535C



0C009C



02001C



# Inverse Universe

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



BA86B6



F2A0EC



9DBA86



5C535B



9C0090

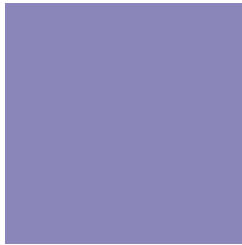


1C001A



# Previews

## White Background



This preview shows how the Hex color 8A86BA looks on a white background.

## Color Contrast Check

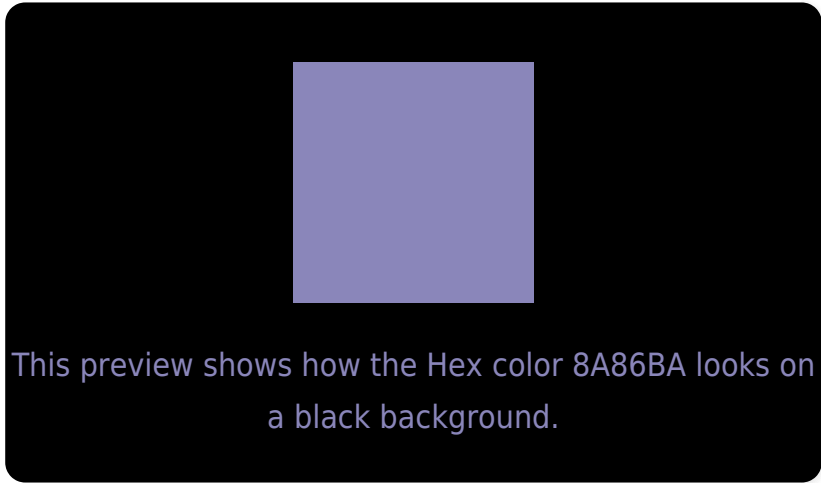
Large Text (above 18pt) WCAG AA ✓ Pass

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

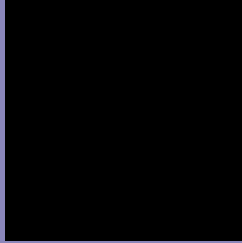
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8A86BA Background



This preview shows how black text looks on a background with the Hex color 8A86BA.



This preview shows how white text looks on a background with the Hex color 8A86BA.

# 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**  
8A86BA

**Protanopia**  
7D8ABD

**Deuteranopia**  
8089B9

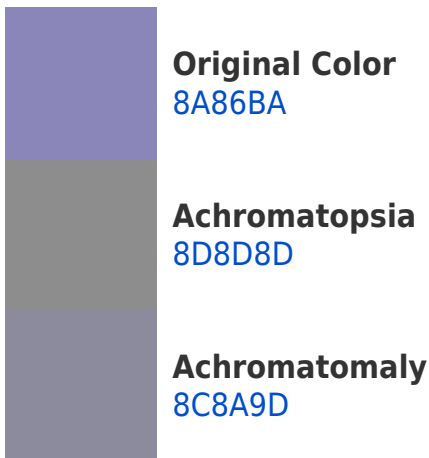


**Tritanopia**  
838D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A86BA 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 #8A86BA looks like.

```
.text, #text, p{  
    color:#8A86BA  
}
```

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 #8A86BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A86BA
}
```

## Border

The CSS property to change the border of an element to Hex 8A86BA 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
#8A86BA }
```

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

```
.border{ border-color:#8A86BA }
```

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

Here you see how a box with a 4 pixel #8A86BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A86BA; -webkit-box-shadow:4px 4px  
4px 4px #8A86BA; box-shadow:4px 4px 4px  
4px #8A86BA }
```

# Background

The CSS property to change the background color of an element to Hex 8A86BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A86BA }
```

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

```
.background{ background-color:#8A86BA }
```

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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