

# Converting Colors

Hex(8A7FAB)

Have a look what the booklet for  
Hex(8A7FAB) contains.

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# Color

**Hex(8A7FAB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A7FAB
RGB	138, 127, 171
RGB Percent	54%, 50%, 67%
CMY	0.4588, 0.5020, 0.3294
CMYK	0.19, 0.26, 0.00, 0.33
HSL	255°, 21%, 58%
HSV	255°, 26%, 67%
XYZ	25.4213, 23.5223, 41.7285
YIQ	135.3050, -7.5680, 16.0160

# Conversions

## Conversions Part 2

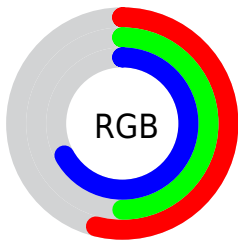
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 127, 171
Decimal	9076651
CIE <sub>Lab</sub>	55.61, 13.50, -21.81
CIE <sub>LCh</sub>	56, 25.655, 301.753
Yxy	23.5223, 0.2804, 0.2594
Android (android.graphics.Color)	4287266731 (0xFF8A7FAB)
YUV	135.3050, 17.5976, 2.3635
Hunter-Lab	48.4998, 8.6866, -17.0624

# Details

The Hex color **8A7FAB** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **A0AB7F**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **C0B4E2**, and **574E77** is the 20% darker color. If you saturate the color by 10%, you get **7D6EAB**, and if you desaturate by 10%, it is **9790AB**.

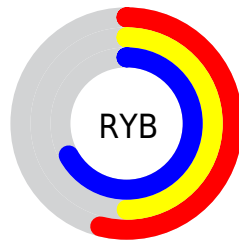
# Distribution



Red (54%)

Green (50%)

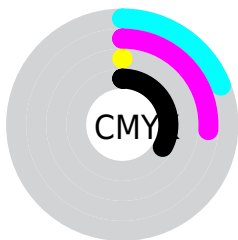
Blue (67%)



Red (54%)

Yellow (50%)

Blue (67%)

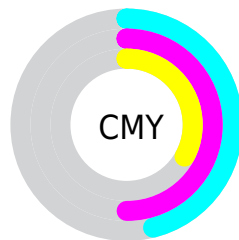


Cyan (19%)

Magenta (26%)

Yellow (0%)

Black (33%)



Cyan (46%)

Magenta (50%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A7FAB 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 8A7FAB by changing the saturation by 10% instead.



■ 8A7FAB

■ 8A7FAB

FFFFFF

■ 706690

■ C0B4E2

■ 574E77

■ DCCFFF

■ 3F375E

■ F9ECFF

■ 282246

■ 130D2F

■ 00011A

■ 000000

■ 8A7FAB

■ 8A7FAB

■ 7D6EAB

■ 9790AB

705DAB

A4A1AB

644CAB

B0B2AB

573BAB

BDC3AB

4A2AAB

CAD4AB

3D18AB

D7E6AB

3007AB

E4F7AB

2B00AB

F1FFAB

FDF FAB

# Harmonies

## Analogous

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



6A87B1



8A7FAB



A3789B

# Triad

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



8A7FAB



A67D5F



499186

# Complementary

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



8A7FAB



A0AB7F

# 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.



628F6F



8A7FAB



938459

# Square

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



8A7FAB



B1776F



7C8B5F



3C919C

# Rectangle

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



8A7FAB



AD758C



7C8B5F



51917E



# Sweetspot

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



8A7FAB



D1CCDE



7FA0AB



686570



F0F0F0



707070



# Same Dimension

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



8A7FAB



AA99DE



A07FAB



504E57



260096



060017



# Inverse Universe

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



AB7FA0



DE99CD



8AAB7F



574E55



960071



170011



# Previews

## White Background



This preview shows how the Hex color 8A7FAB looks on a white background.

## Color Contrast Check

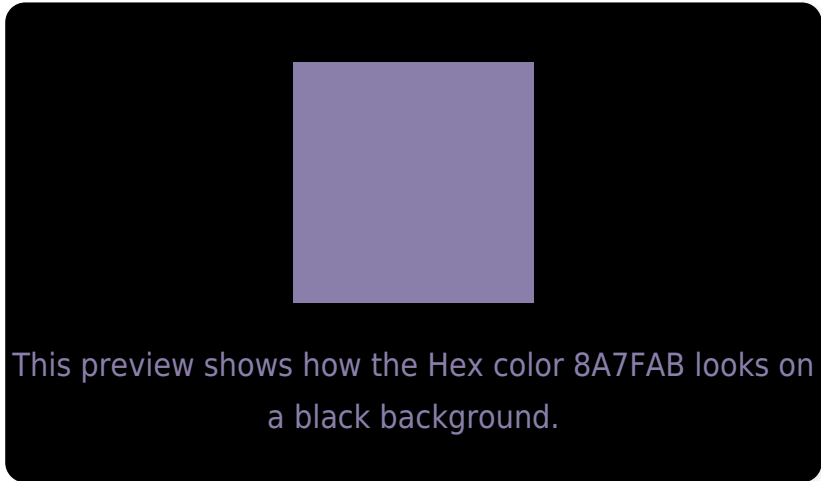
Large Text (above 18pt) WCAG AA ✓ Pass

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

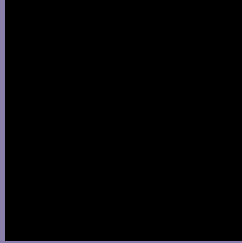
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8A7FAB Background



This preview shows how black text looks on a background with the Hex color 8A7FAB.



This preview shows how white text looks on a background with the Hex color 8A7FAB.

# 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**  
8A7FAB

**Protanopia**  
7A84AE

**Deuteranopia**  
7F83AA



**Tritanopia**  
85848F

# Trichromacy



**Original Color**  
8A7FAB

**Protanomaly**  
8082AD

**Deuteranomaly**  
8382AA

**Tritanomaly**  
878299

# Monochromacy



**Original Color**  
8A7FAB

**Achromatopsia**  
878787

**Achromatomaly**  
888494

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A7FAB 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 #8A7FAB looks like.

```
.text, #text, p{  
    color:#8A7FAB  
}
```

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 #8A7FAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A7FAB
}
```

## Border

The CSS property to change the border of an element to Hex 8A7FAB 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
#8A7FAB }
```

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

```
.border{ border-color:#8A7FAB }
```

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

Here you see how a box with a 4 pixel #8A7FAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A7FAB; -webkit-box-shadow:4px 4px  
4px 4px #8A7FAB; box-shadow:4px 4px 4px  
4px #8A7FAB }
```

# Background

The CSS property to change the background color of an element to Hex 8A7FAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A7FAB }
```

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

```
.background{ background-color:#8A7FAB }
```

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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