

# Converting Colors

Hex(8A73BA)

Have a look what the booklet for  
Hex(8A73BA) contains.

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# Color

**Hex(8A73BA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A73BA
RGB	138, 115, 186
RGB Percent	54%, 45%, 73%
CMY	0.4588, 0.5490, 0.2706
CMYK	0.26, 0.38, 0.00, 0.27
HSL	259°, 34%, 59%
HSV	259°, 38%, 73%
XYZ	25.4749, 21.2099, 49.2056
YIQ	129.9710, -9.0830, 26.9570

# Conversions

## Conversions Part 2

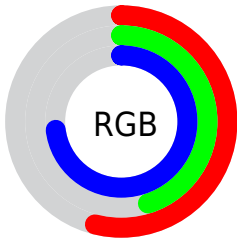
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 115, 186
Decimal	9073594
CIE <sub>Lab</sub>	53.18, 24.19, -34.21
CIE <sub>LCh</sub>	53, 41.896, 305.270
Yxy	21.2099, 0.2657, 0.2212
Android (android.graphics.Color)	4287263674 (0xFF8A73BA)
YUV	129.9710, 27.6223, 7.0414
Hunter-Lab	46.0542, 18.1424, -31.1091

# Details

The Hex color **8A73BA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A3BA73**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **C1A7F2**, and **564384** is the 20% darker color. If you saturate the color by 10%, you get **7D60BA**, and if you desaturate by 10%, it is **9786BA**.

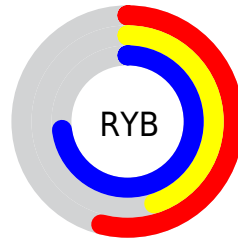
# Distribution



Red (54%)

Green (45%)

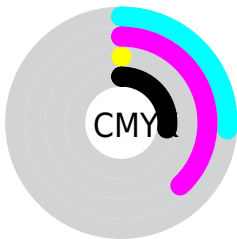
Blue (73%)



Red (54%)

Yellow (45%)

Blue (73%)

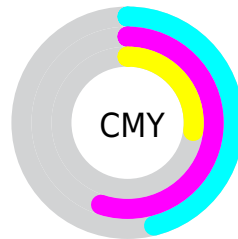


Cyan (26%)

Magenta (38%)

Yellow (0%)

Black (27%)



Cyan (46%)

Magenta (55%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A73BA 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 8A73BA by changing the saturation by 10% instead.



■ 8A73BA

■ 8A73BA

FFFFFF

■ 705A9F

■ C1A7F2

■ 564384

■ DDC2FF

■ 3D2C6B

■ FADEFF

■ 241752

■ FFFBFF

■ 0D003B

■ 000224

■ 00000C

■ 000000

■ 8A73BA

■ 8A73BA

7D60BA

9786BA

714EBA

A398BA

643BBA

B0ABBA

5829BA

BCBDBA

4B16BA

C9D0BA

3F03BA

D5E3BA

3C00BA

E2F5BA

EFFFBA

FBFFBA

# Harmonies

## Analogous

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



4B81C7



8A73BA



B1669E

# Triad

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



8A73BA



AC723D



009184

# Complementary

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



8A73BA



A3BA73

# 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.



358F60



8A73BA



8E7F34

# Square

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



8A73BA



BF6657



688942



0090A8

# Rectangle

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



8A73BA



BE6186



688942



009178



# Sweetspot

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



8A73BA



E0D8F2



73A4BA



706A7A



FAFAFA



7A7A7A



# Same Dimension

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



8A73BA



A783F2



AD73BA



56535C



32009C



09001C



# Inverse Universe

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



BA73A3



F283CE



80BA73



5C5359



9C0069

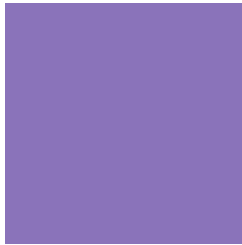


1C0013



# Previews

## White Background



This preview shows how the Hex color 8A73BA looks on a white background.

## Color Contrast Check

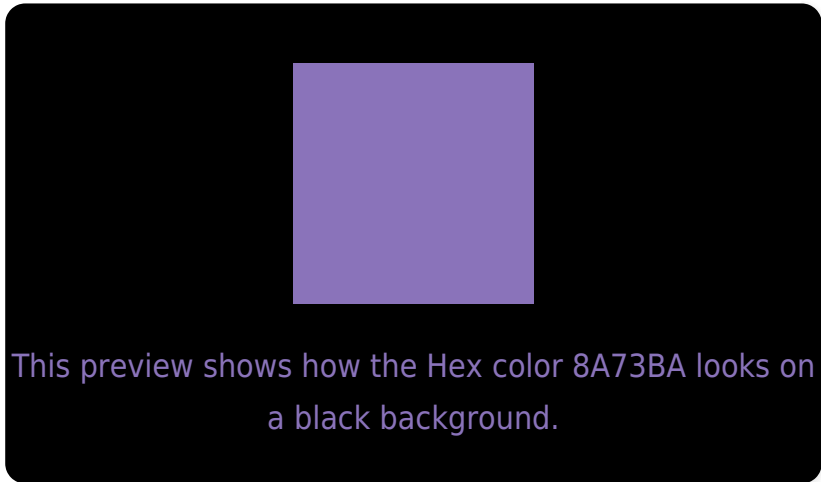
Large Text (above 18pt) WCAG AA ✓ Pass

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

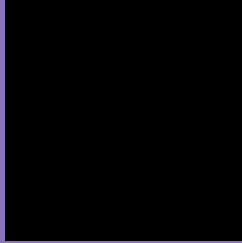
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8A73BA Background



This preview shows how black text looks on a background with the Hex color 8A73BA.

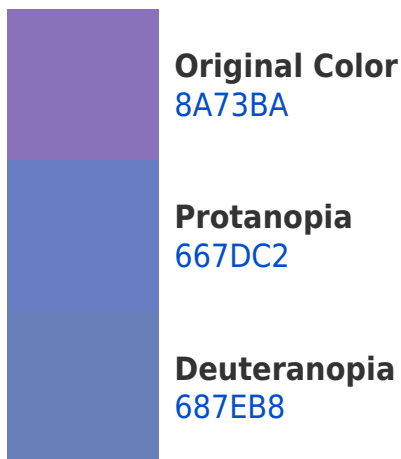


This preview shows how white text looks on a background with the Hex color 8A73BA.

# 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](#).

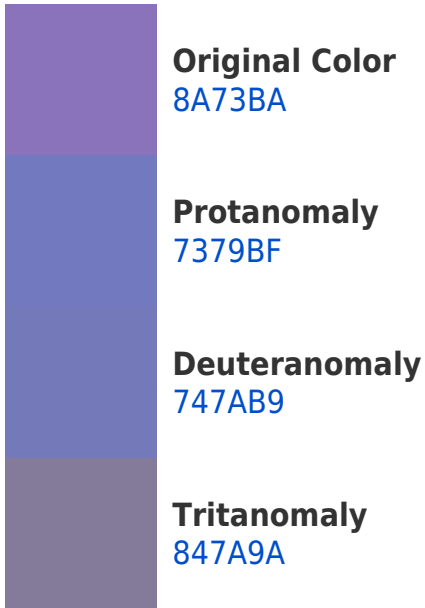
## Dichromacy





**Tritanopia**  
817E87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A73BA 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 #8A73BA looks like.

```
.text, #text, p{  
    color:#8A73BA  
}
```

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 #8A73BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A73BA
}
```

## Border

The CSS property to change the border of an element to Hex 8A73BA 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".

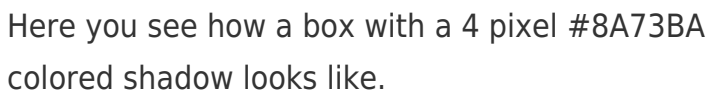
```
.border, #border, table{ border:4px solid
#8A73BA }
```

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

```
.border{ border-color:#8A73BA }
```

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

Here you see how a box with a 4 pixel #8A73BA colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is shadowed, creating a 3D effect. The shadow is a darker shade of purple.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A73BA; -webkit-box-shadow:4px 4px  
4px 4px #8A73BA; box-shadow:4px 4px 4px  
4px #8A73BA }
```

# Background

The CSS property to change the background color of an element to Hex 8A73BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A73BA }
```

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

```
.background{ background-color:#8A73BA }
```

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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