

Converting Colors

Hex(8A76BB)

Have a look what the booklet for
Hex(8A76BB) contains.

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Color

Hex(8A76BB)

Conversions

Conversions Part 1

Format	Color
Hex	8A76BB
RGB	138, 118, 187
RGB Percent	54%, 46%, 73%
CMY	0.4588, 0.5373, 0.2667
CMYK	0.26, 0.37, 0.00, 0.27
HSL	257°, 34%, 60%
HSV	257°, 37%, 73%
XYZ	25.9293, 21.9480, 49.8835
YIQ	131.8460, -10.2290, 25.6990

Conversions

Conversions Part 2

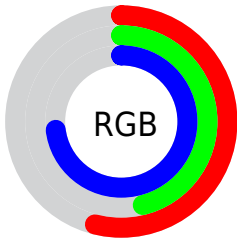
Format	Color
R_{YB}	138, 118, 187
Decimal	9074363
CIE _{Lab}	53.97, 22.68, -33.54
CIE _{LCh}	54, 40.487, 304.065
Yxy	21.9480, 0.2652, 0.2245
Android (android.graphics.Color)	4287264443 (0xFF8A76BB)
YUV	131.8460, 27.1909, 5.3971
Hunter-Lab	46.8487, 16.8090, -30.3366

Details

The Hex color **8A76BB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A7BB76**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **C1AAF3**, and **564585** is the 20% darker color. If you saturate the color by 10%, you get **7D63BB**, and if you desaturate by 10%, it is **9789BB**.

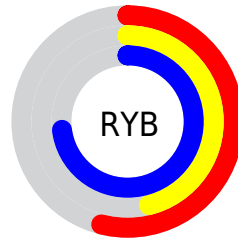
Distribution



Red (54%)

Green (46%)

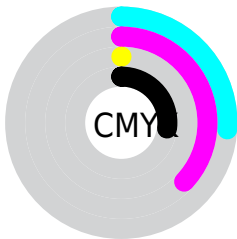
Blue (73%)



Red (54%)

Yellow (46%)

Blue (73%)

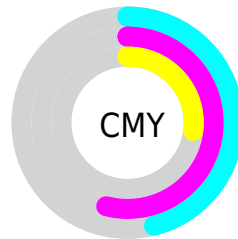


Cyan (26%)

Magenta (37%)

Yellow (0%)

Black (27%)



Cyan (46%)

Magenta (54%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A76BB 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 8A76BB by changing the saturation by 10% instead.



8A76BB



8A76BB

FFFFFF



705DA0



C1AAF3



564585



DDC6FF



3D2F6C



FAE2FF



241A53

FFFEFF



0C023C



000225



00010E



000000



8A76BB



8A76BB

7D63BB

9789BB

6F51BB

A59BBB

623EBB

B2AEBB

552BBB

BFC1BB

4819BB

CCD4BB

3A06BB

DAE6BB

3600BB

E7F9BB

F4FFBB

FFFFBB

Harmonies

Analogous

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



4D83C6



8A76BB



B069A0

Triad

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



8A76BB



AE7442



009385

Complementary

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



8A76BB



A7BB76

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.



3E9061



8A76BB



918139

Square

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



8A76BB



C0685C



6D8A45



0092A7

Rectangle

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



8A76BB



BE6489



6D8A45



009279

Sweetspot

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



8A76BB



DFD8F2



76A7BB



6F6A7A



FAFAFA



7A7A7A

Same Dimension

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



8A76BB



A788F2



AC76BB



58555E



2E009E



09001F

Inverse Universe

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



BB76A7



F288D3



85BB76



5E555C



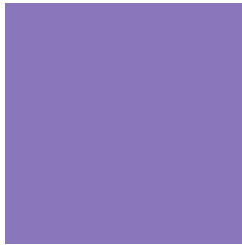
9E0070



1F0016

Previews

White Background



This preview shows how the Hex color 8A76BB looks on a white background.

Color Contrast Check

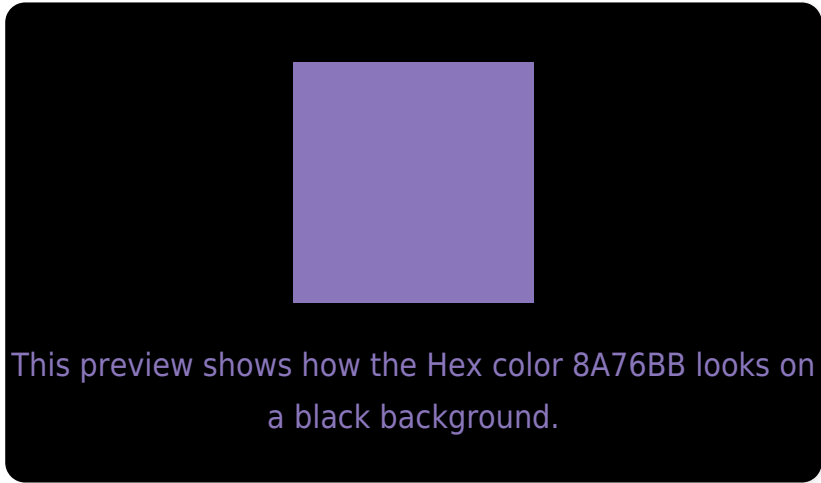
Large Text (above 18pt) WCAG AA ✓ Pass

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

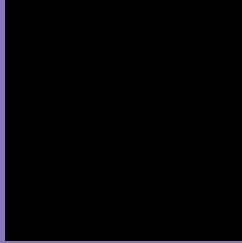
Any Text WCAG AA ✓ Pass

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 8A76BB Background



This preview shows how black text looks on a background with the Hex color 8A76BB.

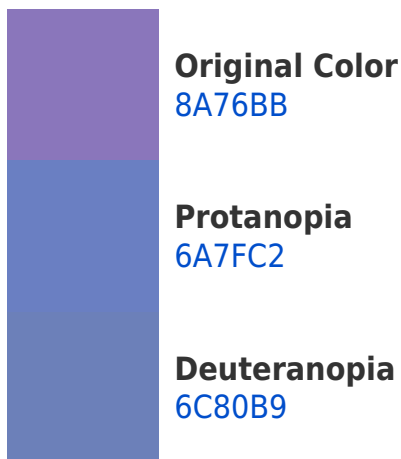


This preview shows how white text looks on a background with the Hex color 8A76BB.

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](#).

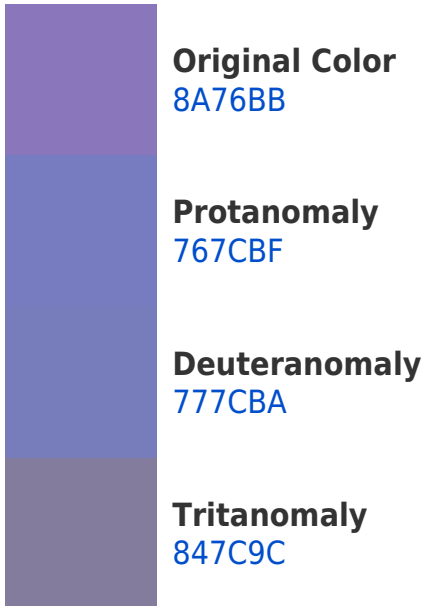
Dichromacy



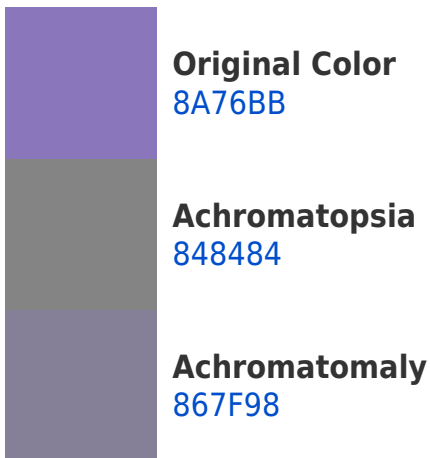


Tritanopia
81808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A76BB 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 #8A76BB looks like.

```
.text, #text, p{  
    color:#8A76BB  
}
```

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 #8A76BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A76BB  
}
```

Border

The CSS property to change the border of an element to Hex 8A76BB is called "border". The border property can be set on classes, ids or directly on the HTML element.

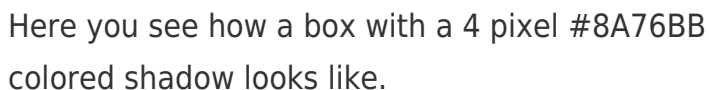
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8A76BB }
```

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

```
.border{ border-color:#8A76BB }
```

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



Here you see how a box with a 4 pixel #8A76BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A76BB; -webkit-box-shadow:4px 4px  
4px 4px #8A76BB; box-shadow:4px 4px 4px  
4px #8A76BB }
```

Background

The CSS property to change the background color of an element to Hex 8A76BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A76BB }
```

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

```
.background{ background-color:#8A76BB }
```

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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