

Converting Colors

Hex(8A66BB)

Have a look what the booklet for
Hex(8A66BB) contains.

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Color

Hex(8A66BB)

Conversions

Conversions Part 1

Format	Color
Hex	8A66BB
RGB	138, 102, 187
RGB Percent	54%, 40%, 73%
CMY	0.4588, 0.6000, 0.2667
CMYK	0.26, 0.45, 0.00, 0.27
HSL	265°, 38%, 57%
HSV	265°, 45%, 73%
XYZ	24.2022, 18.4939, 49.3078
YIQ	122.4540, -5.8290, 34.0670

Conversions

Conversions Part 2

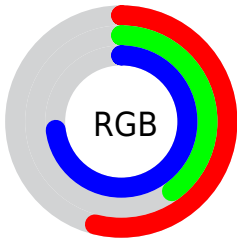
Format	Color
R_{YB}	138, 102, 187
Decimal	9070267
CIE _{Lab}	50.09, 32.05, -39.64
CIE _{LCh}	50, 50.971, 308.954
Yxy	18.4939, 0.2631, 0.2010
Android (android.graphics.Color)	4287260347 (0xFF8A66BB)
YUV	122.4540, 31.8212, 13.6338
Hunter-Lab	43.0045, 25.1991, -37.8771

Details

The Hex color **8A66BB** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **97BB66**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **C19AF4**, and **553685** is the 20% darker color. If you saturate the color by 10%, you get **7F53BB**, and if you desaturate by 10%, it is **9579BB**.

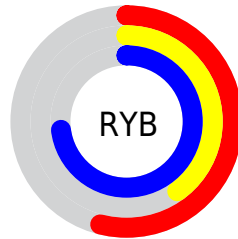
Distribution



Red (54%)

Green (40%)

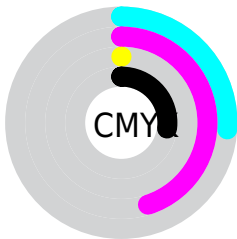
Blue (73%)



Red (54%)

Yellow (40%)

Blue (73%)

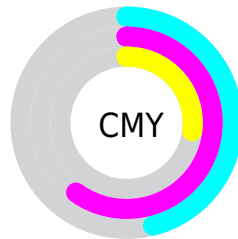


Cyan (26%)

Magenta (45%)

Yellow (0%)

Black (27%)



Cyan (46%)

Magenta (60%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A66BB 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 8A66BB by changing the saturation by 10% instead.

■ 8A66BB

■ 8A66BB

FFFFFF

■ 6F4DA0

■ C19AF4

■ 553685

■ DEB5FF

■ 3C1F6C

■ FBD0FF

■ 220853

■ FFEDFF

■ 0F003B

■ 000225

■ 00010D

■ 000000

■ 8A66BB

■ 8A66BB

 7F53BB

 9579BB

 7441BB

 A08BBB

 6A2EBB

 AA9EBB

 5F1BBB

 B5B1BB

 5409BB

 C0C4BB

 4F00BB

 CBD6BB

 D5E9BB

 E0FCBB

 EBFFBB

Harmonies

Analogous

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



3378CD



8A66BB



B55497

Triad

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



8A66BB



A66A22



008C83

Complementary

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



8A66BB



97BB66

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.



008A56



8A66BB



827916

Square

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



8A66BB



BF5843



53842F



008AAD

Rectangle

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



8A66BB



C34E7B



53842F



008C74

Sweetspot

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



8A66BB



DFD0F2



6698BB



6E667A



FAFAFA



7A7A7A

Same Dimension

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



8A66BB



A56DF2



B466BB



59555E



43009E



0D001F

Inverse Universe

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



BB6697



F26DBA



6DBB66



5E555A



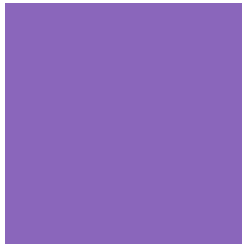
9E005B



1F0012

Previews

White Background



This preview shows how the Hex color 8A66BB looks on a white background.

Color Contrast Check

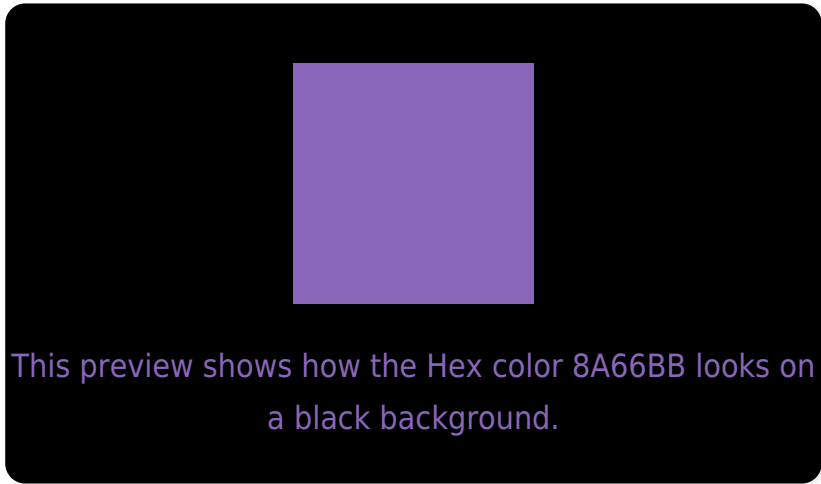
Large Text (above 18pt) WCAG AA ✓ Pass

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

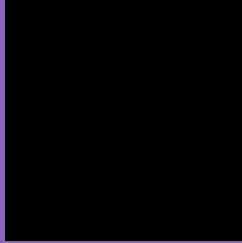
Any Text WCAG AA ✓ Pass

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 8A66BB Background



This preview shows how black text looks on a background with the Hex color 8A66BB.

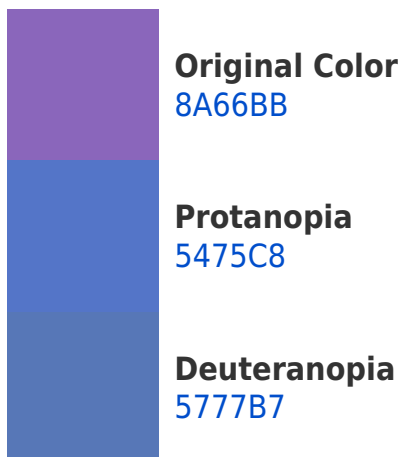


This preview shows how white text looks on a background with the Hex color 8A66BB.

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](#).

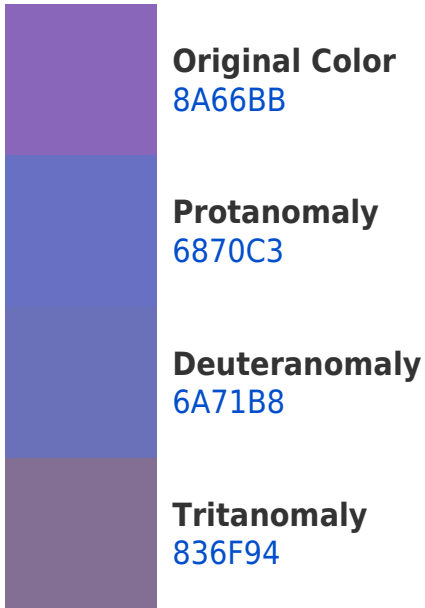
Dichromacy



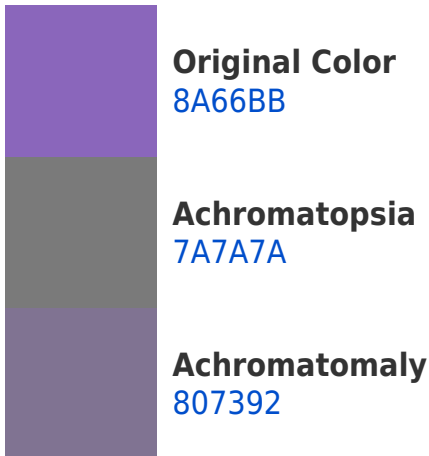


Tritanopia
7F747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A66BB 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 #8A66BB looks like.

```
.text, #text, p{  
    color:#8A66BB  
}
```

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 #8A66BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A66BB  
}
```

Border

The CSS property to change the border of an element to Hex 8A66BB is called "border". The border property can be set on classes, ids or directly on the HTML element.

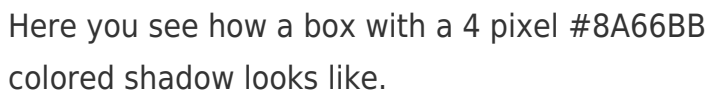
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8A66BB }
```

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

```
.border{ border-color:#8A66BB }
```

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



Here you see how a box with a 4 pixel #8A66BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A66BB; -webkit-box-shadow:4px 4px  
4px 4px #8A66BB; box-shadow:4px 4px 4px  
4px #8A66BB }
```

Background

The CSS property to change the background color of an element to Hex 8A66BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A66BB }
```

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

```
.background{ background-color:#8A66BB }
```

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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