

Converting Colors

Hex(8A66B5)

Have a look what the booklet for
Hex(8A66B5) contains.

Hex(8A66B5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8A66B5)

Conversions

Conversions Part 1

Format	Color
Hex	8A66B5
RGB	138, 102, 181
RGB Percent	54%, 40%, 71%
CMY	0.4588, 0.6000, 0.2902
CMYK	0.24, 0.44, 0.00, 0.29
HSL	267°, 35%, 55%
HSV	267°, 44%, 71%
XYZ	23.5731, 18.2422, 45.9947
YIQ	121.7700, -3.9030, 32.2010

Conversions

Conversions Part 2

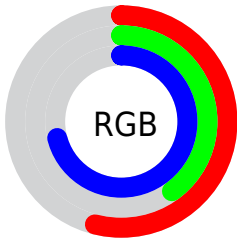
Format	Color
R_{YB}	138, 102, 181
Decimal	9070261
CIE _{Lab}	49.79, 30.57, -36.64
CIE _{LCh}	50, 47.717, 309.845
Yxy	18.2422, 0.2685, 0.2077
Android (android.graphics.Color)	4287260341 (0xFF8A66B5)
YUV	121.7700, 29.2004, 14.2337
Hunter-Lab	42.7109, 23.7740, -33.9509

Details

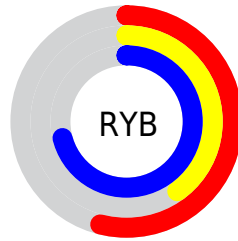
The Hex color **8A66B5** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **91B566**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **C19AED**, and **563680** is the 20% darker color. If you saturate the color by 10%, you get **8054B5**, and if you desaturate by 10%, it is **9478B5**.

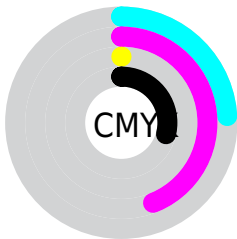
Distribution



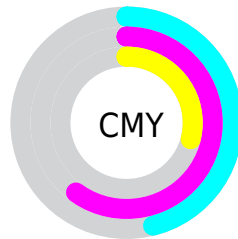
- Red (54%)
- Green (40%)
- Blue (71%)



- Red (54%)
- Yellow (40%)
- Blue (71%)



- Cyan (24%)
- Magenta (44%)
- Yellow (0%)
- Black (29%)



- Cyan (46%)
- Magenta (60%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A66B5 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 8A66B5 by changing the saturation by 10% instead.

■ 8A66B5

■ 8A66B5

FFFFFF

■ 704E9A

■ C19AED

■ 563680

■ DDB5FF

■ 3C1F66

■ FAD0FF

■ 23094E

■ FFEDFF

■ 110037

■ 000220

■ 000004

■ 000000

■ 8A66B5

■ 8A66B5

8054B5

9478B5

7642B5

9E8AB5

6C30B5

A89CB5

631EB5

B1AEB5

590BB5

BBC1B5

5200B5

C5D3B5

CFE5B5

D9F7B5

E3FFB5

Harmonies

Analogous

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



4076C6



8A66B5



B25693

Triad

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



8A66B5



A26A27



008A83

Complementary

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



8A66B5



91B566

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.



008859



8A66B5



80791F

Square

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



8A66B5



BA5B44



548334



0088A9

Rectangle

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



8A66B5



BE5178



548334



008A75

Sweetspot

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



8A66B5



DACCEB



6691B5



6B6375



F5F5F5



757575

Same Dimension

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



8A66B5



A871EB



B166B5



545059



460099



0C001A

Inverse Universe

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



B56691



EB71B3



6AB566



595055



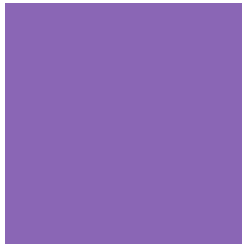
990053



1A000E

Previews

White Background



This preview shows how the Hex color 8A66B5 looks on a white background.

Color Contrast Check

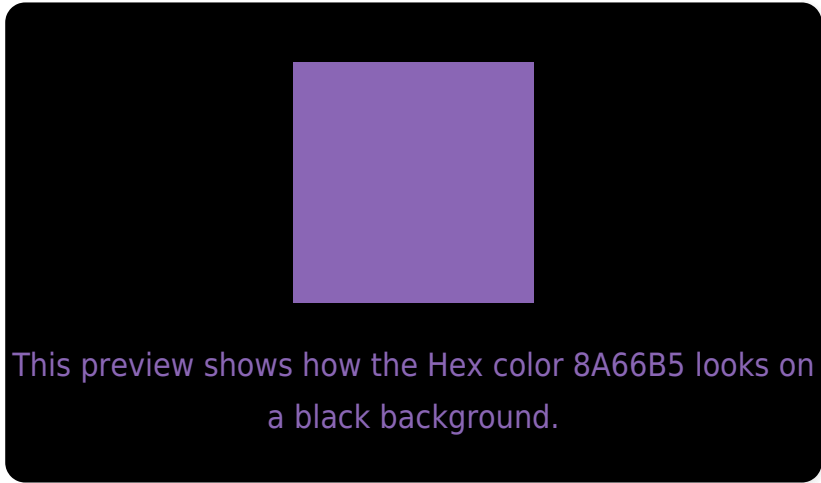
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 8A66B5 Background



This preview shows how black text looks on a background with the Hex color 8A66B5.




This preview shows how white text looks on a background with the Hex color 8A66B5.

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](#).

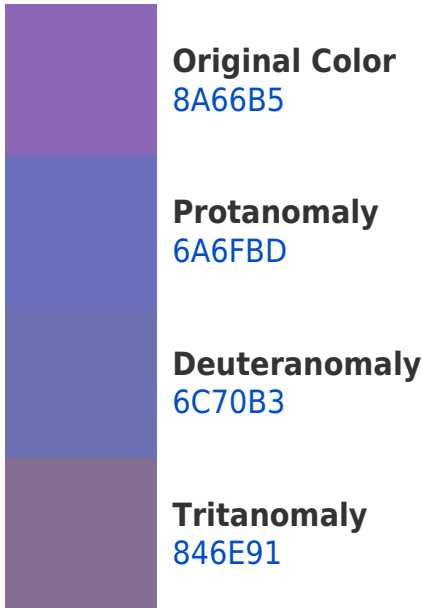
Dichromacy



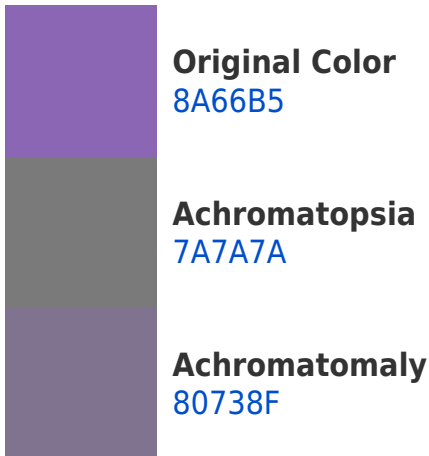


Tritanopia
80737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A66B5 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 #8A66B5 looks like.

```
.text, #text, p{  
    color:#8A66B5  
}
```

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 #8A66B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A66B5
}
```

Border

The CSS property to change the border of an element to Hex 8A66B5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

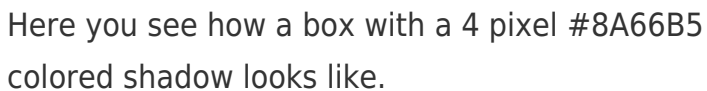
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A66B5 }
```

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

```
.border{ border-color:#8A66B5 }
```

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



Here you see how a box with a 4 pixel #8A66B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A66B5; -webkit-box-shadow:4px 4px  
4px 4px #8A66B5; box-shadow:4px 4px 4px  
4px #8A66B5 }
```

Background

The CSS property to change the background color of an element to Hex 8A66B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A66B5 }
```

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

```
.background{ background-color:#8A66B5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor