

# Converting Colors

Hex(8A62C7)

Have a look what the booklet for  
Hex(8A62C7) contains.

<b>Hex(8A62C7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(8A62C7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A62C7
RGB	138, 98, 199
RGB Percent	54%, 38%, 78%
CMY	0.4588, 0.6157, 0.2196
CMYK	0.31, 0.51, 0.00, 0.22
HSL	264°, 47%, 58%
HSV	264°, 51%, 78%
XYZ	25.1577, 18.2622, 56.2318
YIQ	121.4740, -8.5810, 39.8910

# Conversions

## Conversions Part 2

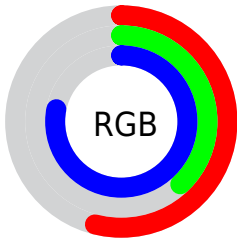
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 98, 199
Decimal	9069255
CIE <sub>Lab</sub>	49.81, 37.36, -46.99
CIE <sub>LCh</sub>	50, 60.031, 308.484
Yxy	18.2622, 0.2525, 0.1833
Android (android.graphics.Color)	4287259335 (0xFF8A62C7)
YUV	121.4740, 38.2203, 14.4933
Hunter-Lab	42.7342, 30.2983, -48.1027

# Details

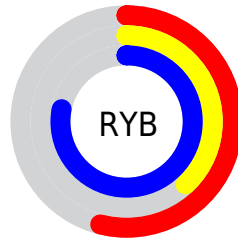
The Hex color **8A62C7** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **9FC762**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **C296FF**, and **543290** is the 20% darker color. If you saturate the color by 10%, you get **7E4EC7**, and if you desaturate by 10%, it is **9676C7**.

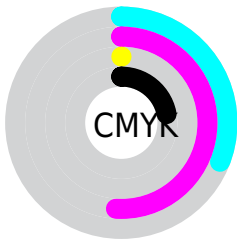
# Distribution



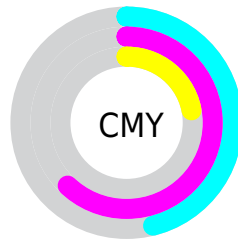
- Red (54%)
- Green (38%)
- Blue (78%)



- Red (54%)
- Yellow (38%)
- Blue (78%)



- Cyan (31%)
- Magenta (51%)
- Yellow (0%)
- Black (22%)



- Cyan (46%)
- Magenta (62%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A62C7 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 8A62C7 by changing the saturation by 10% instead.



■ 8A62C7

■ 8A62C7

FFFFFF

■ 6F49AB

■ C296FF

■ 543290

■ DFB1FF

■ 391A76

■ FCCCFF

■ 1D035D

■ FFE9FF

■ 040045

■ 00032D

■ 000118

■ 000000

■ 8A62C7

■ 8A62C7

7E4EC7

9676C7

723AC7

A28AC7

6626C7

AE9EC7

5A12C7

BAB2C7

4F00C7

C6C6C7

D2D9C7

DEEDC7

EAFFC7

F6FFC7

# Harmonies

## Analogous

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



0078DC



8A62C7



BE4A9D

# Triad

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



8A62C7



AC6608



008E84

# Complementary

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



8A62C7



9FC762

# 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.



008B4F



8A62C7



817900

# Square

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



8A62C7



C84F39



4A851C



008CB5

# Rectangle

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



8A62C7



CE417B



4A851C



008D72



# Sweetspot

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



8A62C7



E8D9FF



62A0C7



726980



000000



808080



# Same Dimension

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



8A62C7



A163FF



BB62C7



5D5A63



4100A3



0E0024



# Inverse Universe

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



C7629F



FF63C1



6EC762



635A60



A30063

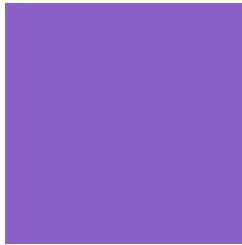


240016



# Previews

## White Background



This preview shows how the Hex color 8A62C7 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

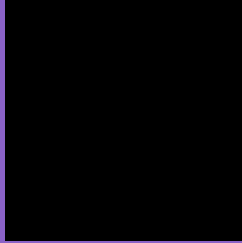
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8A62C7 Background



This preview shows how black text looks on a background with the Hex color 8A62C7.

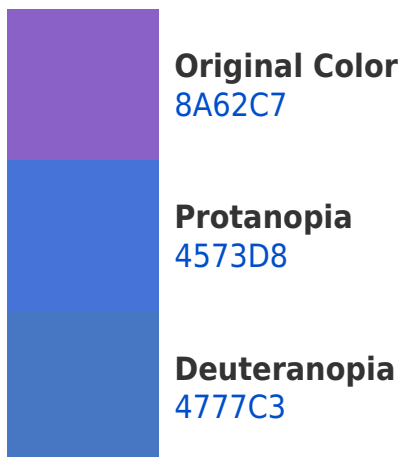


This preview shows how white text looks on a background with the Hex color 8A62C7.

# 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](#).

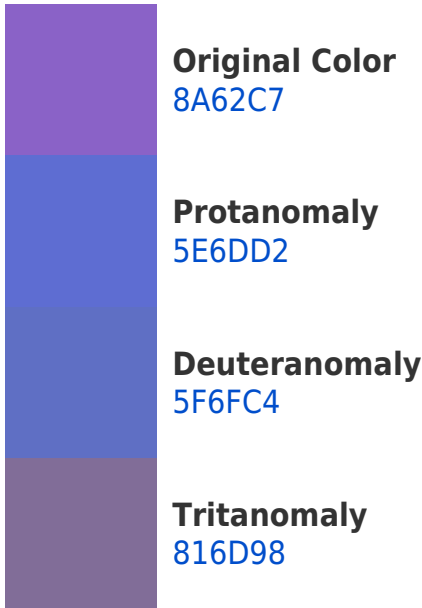
## Dichromacy





**Tritanopia**  
7C747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A62C7 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 #8A62C7 looks like.

```
.text, #text, p{  
    color:#8A62C7  
}
```

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 #8A62C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A62C7
}
```

## Border

The CSS property to change the border of an element to Hex 8A62C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

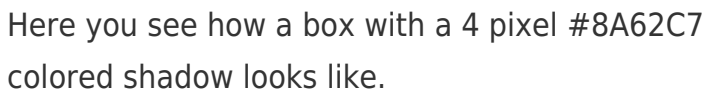
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A62C7 }
```

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

```
.border{ border-color:#8A62C7 }
```

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



Here you see how a box with a 4 pixel #8A62C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A62C7; -webkit-box-shadow:4px 4px  
4px 4px #8A62C7; box-shadow:4px 4px 4px  
4px #8A62C7 }
```

# Background

The CSS property to change the background color of an element to Hex 8A62C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A62C7 }
```

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

```
.background{ background-color:#8A62C7 }
```

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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