

# Converting Colors

Hex(8A67D1)

Have a look what the booklet for  
Hex(8A67D1) contains.

|  |    |
|--|----|
| <b>Hex(8A67D1)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

Hex(8A67D1)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 8A67D1                      |
| RGB         | 138, 103, 209               |
| RGB Percent | 54%, 40%, 82%               |
| CMY         | 0.4588, 0.5961, 0.1804      |
| CMYK        | 0.34, 0.51, 0.00, 0.18      |
| HSL         | 260°, 54%, 61%              |
| HSV         | 260°, 51%, 82%              |
| XYZ         | 26.8401, 19.7072, 62.7108   |
| YIQ         | 125.5490, -13.1660, 40.3860 |

# Conversions

## Conversions Part 2

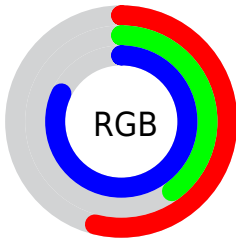
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| <a href="#">RYB</a>                 | 138, 103, 209                 |
| Decimal                             | 9070545                       |
| CIELab                              | 51.50, 37.07, -50.01          |
| CIELCh                              | 52, 62.252, 306.542           |
| Yxy                                 | 19.7072, 0.2457,<br>0.1804    |
| Android<br>(android.graphics.Color) | 4287260625<br>(0xFF8A67D1)    |
| YUV                                 | 125.5490, 41.1413,<br>10.9195 |
| Hunter-Lab                          | 44.3928, 30.2345,<br>-52.6802 |

# Details

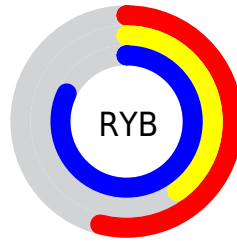
The Hex color **8A67D1** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **AED167**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **C29BFF**, and **53379A** is the 20% darker color. If you saturate the color by 10%, you get **7C52D1**, and if you desaturate by 10%, it is **987CD1**.

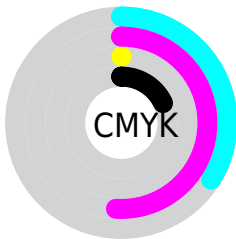
# Distribution



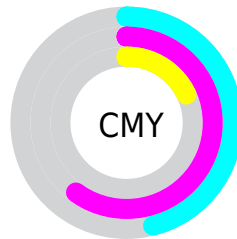
- Red (54%)
- Green (40%)
- Blue (82%)



- Red (54%)
- Yellow (40%)
- Blue (82%)



- Cyan (34%)
- Magenta (51%)
- Yellow (0%)
- Black (18%)



- Cyan (46%)
- Magenta (60%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A67D1 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 8A67D1 by changing the saturation by 10% instead.



■ 8A67D1

■ 8A67D1

FFFFFF

■ 6F4EB5

■ C29BFF

■ 53379A

■ DFB6FF

■ 38207F

■ FDD2FF

■ 190866

■ FFEEFF

■ 00004D

■ 000435

■ 00021F

■ 000002

■ 000000

 8A67D1

 8A67D1

 7C52D1

 987CD1

 6E3DD1

 A691D1

 6028D1

 B4A6D1

 5213D1

 C2BBD1

 4500D1

 D0D0D1

 DEE4D1

 ECF9D1

 FAFFD1

 FFFFD1

# Harmonies

## Analogous

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



007DE5



8A67D1



C34DA6

# Triad

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



8A67D1



B4680A



009385

# Complementary

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



8A67D1



AED167

# 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.



00904E



8A67D1



897C00

# Square

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



8A67D1



D1503E



508917



0092B9

# Rectangle

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



8A67D1



D54283



508917



009273



# Sweetspot

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



8A67D1



E5D9FF



67AFD1



706980



000000



808080



# Same Dimension

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



8A67D1



9763FF



BE67D1



625E69



3800A8



0D0029



# Inverse Universe

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



D167AE



FF63CC



7AD167



695E65



A80071

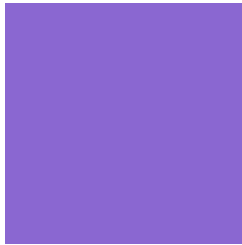


29001B



# Previews

## White Background



This preview shows how the Hex color 8A67D1 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 8A67D1 Background



This preview shows how black text looks on a background with the Hex color 8A67D1.

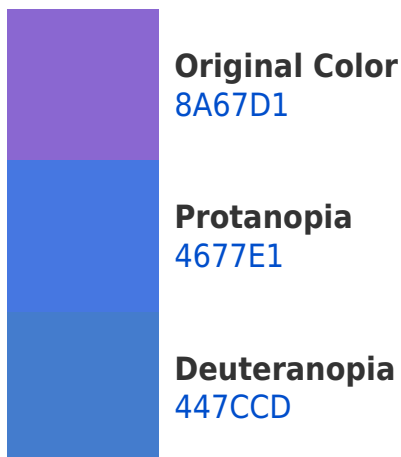



This preview shows how white text looks on a background with the Hex color 8A67D1.

# 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](#).

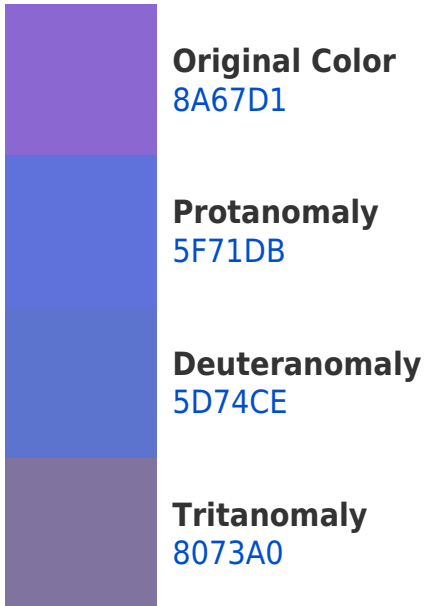
## Dichromacy





**Tritanopia**  
7A7A84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A67D1 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 #8A67D1 looks like.

```
.text, #text, p{  
    color:#8A67D1  
}
```

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 #8A67D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A67D1
}
```

## Border

The CSS property to change the border of an element to Hex 8A67D1 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
#8A67D1 }
```

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

```
.border{ border-color:#8A67D1 }
```

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

Here you see how a box with a 4 pixel #8A67D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A67D1; -webkit-box-shadow:4px 4px  
4px 4px #8A67D1; box-shadow:4px 4px 4px  
4px #8A67D1 }
```

# Background

The CSS property to change the background color of an element to Hex 8A67D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A67D1 }
```

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

```
.background{ background-color:#8A67D1 }
```

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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