

# Converting Colors

Hex(8A61DE)

Have a look what the booklet for  
Hex(8A61DE) contains.

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# Color

Hex(8A61DE)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 8A61DE                      |
| RGB         | 138, 97, 222                |
| RGB Percent | 54%, 38%, 87%               |
| CMY         | 0.4588, 0.6196, 0.1294      |
| CMYK        | 0.38, 0.56, 0.00, 0.13      |
| HSL         | 260°, 65%, 63%              |
| HSV         | 260°, 56%, 87%              |
| XYZ         | 27.9407, 19.2266, 71.3457   |
| YIQ         | 123.5090, -15.6890, 47.5670 |

# Conversions

## Conversions Part 2

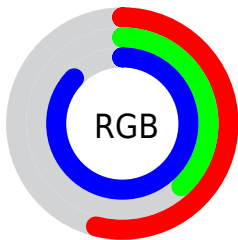
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">138, 97, 222</a>                   |
| Decimal                             | <a href="#">9069022</a>                        |
| CIELab                              | <a href="#">50.95, 43.87, -58.28</a>           |
| CIELCh                              | <a href="#">51, 72.949, 306.973</a>            |
| Yxy                                 | <a href="#">19.2266, 0.2358,<br/>0.1622</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4287259102<br/>(0xFF8A61DE)</a>    |
| YUV                                 | <a href="#">123.5090, 48.5561,<br/>12.7086</a> |
| Hunter-Lab                          | <a href="#">43.8481, 37.0089,<br/>-65.7776</a> |

# Details

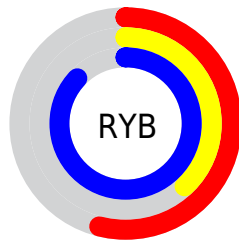
The Hex color **8A61DE** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B5DE61**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **C395FF**, and **5130A6** is the 20% darker color. If you saturate the color by 10%, you get **7B4BDE**, and if you desaturate by 10%, it is **9977DE**.

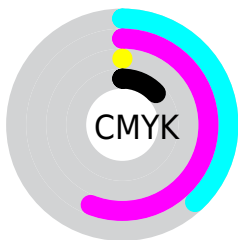
# Distribution



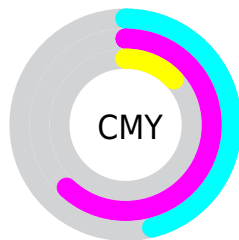
- Red (54%)
- Green (38%)
- Blue (87%)



- Red (54%)
- Yellow (38%)
- Blue (87%)



- Cyan (38%)
- Magenta (56%)
- Yellow (0%)
- Black (13%)



- Cyan (46%)
- Magenta (62%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A61DE 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 8A61DE by changing the saturation by 10% instead.



 8A61DE

 8A61DE

FFFFFF

 6E48C2

 C395FF

 5130A6

 E1B0FF

 33188B

 FFCCFF

 0C0071

 FFE8FF

 000058

 00033F

 000328

 000112

 000000

 8A61DE

 8A61DE

 7B4BDE

 9977DE

 6C35DE

 A88DDE

 5D1EDE

 B7A4DE

 4E08DE

 C6BADE

 4900DE

 D5D0DE

 E4E6DE

 F2FCDE

 FFFFDE

# Harmonies

## Analogous

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



007DF6



8A61DE



CD3CAB

# Triad

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



8A61DE



B96400



009487

# Complementary

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



8A61DE



B5DE61

# 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.



009145



8A61DE



867C00

# Square

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



8A61DE



DB4231



418A00



0093C3

# Rectangle

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



8A61DE



E12982



418A00



009471



# Sweetspot

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



8A61DE



E2D4FF



61B6DE



6E6680



000000



808080



# Same Dimension

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



8A61DE



8A52FF



C761DE



696570



3A00B0



100030



# Inverse Universe

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



DE61B5



FF52C6



78DE61



70656D



B00076

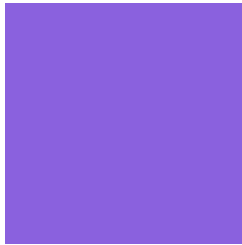


300021



# Previews

## White Background



This preview shows how the Hex color 8A61DE looks on a white background.

## Color Contrast Check

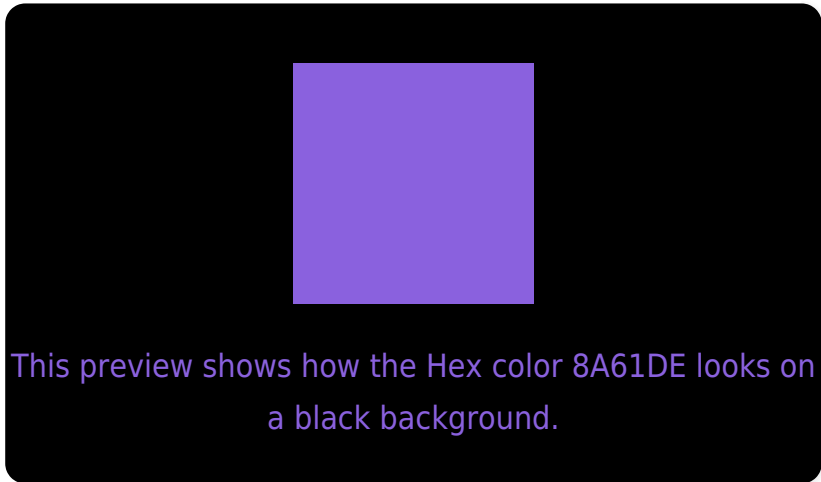
Large Text (above 18pt) WCAG AA ✓ Pass

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

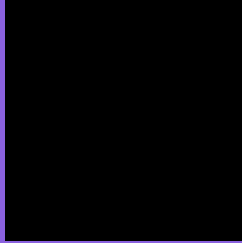
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8A61DE Background



This preview shows how black text looks on a background with the Hex color 8A61DE.

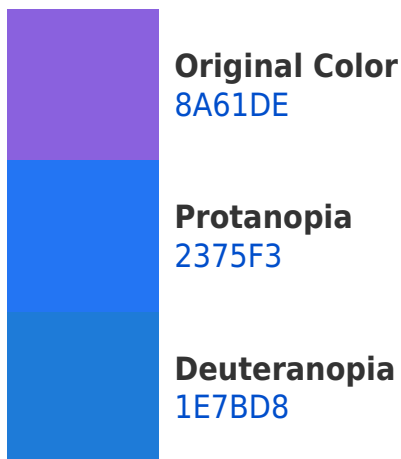


This preview shows how white text looks on a background with the Hex color 8A61DE.

# Color Blindness Simulation

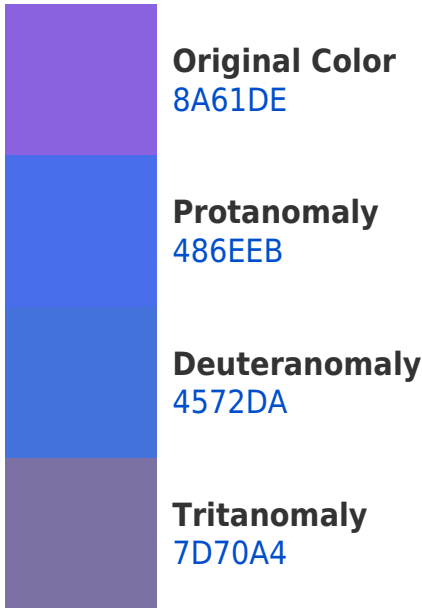
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

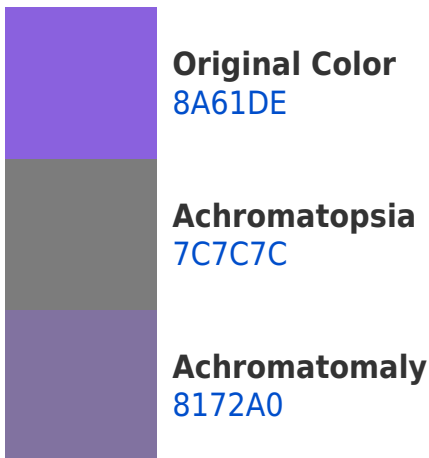




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A61DE 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 #8A61DE looks like.

```
.text, #text, p{  
    color:#8A61DE  
}
```

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 #8A61DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A61DE
}
```

## Border

The CSS property to change the border of an element to Hex 8A61DE 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
#8A61DE }
```

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

```
.border{ border-color:#8A61DE }
```

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

Here you see how a box with a 4 pixel #8A61DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A61DE; -webkit-box-shadow:4px 4px  
4px 4px #8A61DE; box-shadow:4px 4px 4px  
4px #8A61DE }
```

# Background

The CSS property to change the background color of an element to Hex 8A61DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A61DE }
```

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

```
.background{ background-color:#8A61DE }
```

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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