

# Converting Colors

Hex(8A61DA)

Have a look what the booklet for  
Hex(8A61DA) contains.

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# Color

**Hex(8A61DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A61DA
RGB	138, 97, 218
RGB Percent	54%, 38%, 85%
CMY	0.4588, 0.6196, 0.1451
CMYK	0.37, 0.56, 0.00, 0.15
HSL	260°, 62%, 62%
HSV	260°, 56%, 85%
XYZ	27.4108, 19.0146, 68.5551
YIQ	123.0530, -14.4050, 46.3230

# Conversions

## Conversions Part 2

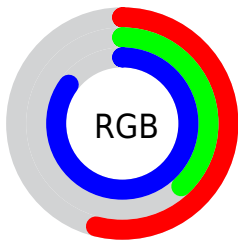
Format	Color
R <sub>Y</sub> B	138, 97, 218
Decimal	9069018
CIE Lab	50.70, 42.82, -56.41
CIE LCh	51, 70.824, 307.204
Yxy	19.0146, 0.2384, 0.1654
Android (android.graphics.Color)	4287259098 (0xFF8A61DA)
YUV	123.0530, 46.8089, 13.1085
Hunter-Lab	43.6058, 35.8960, -62.6892

# Details

The Hex color **8A61DA** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B1DA61**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **C395FF**, and **5230A2** is the 20% darker color. If you saturate the color by 10%, you get **7C4BDA**, and if you desaturate by 10%, it is **9877DA**.

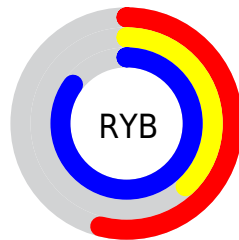
# Distribution



Red (54%)

Green (38%)

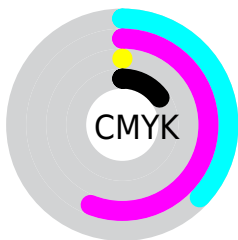
Blue (85%)



Red (54%)

Yellow (38%)

Blue (85%)

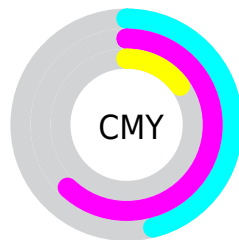


Cyan (37%)

Magenta (56%)

Yellow (0%)

Black (15%)



Cyan (46%)

Magenta (62%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A61DA 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 8A61DA by changing the saturation by 10% instead.



 8A61DA

 8A61DA

FFFFFF

 6E48BE

 C395FF

 5230A2

 E0B0FF

 351887

 FECCFF

 10006D

 FFE8FF

 000054

 00043C

 000225

 00010E

 000000

 8A61DA

 8A61DA

 7C4BDA

 9877DA

 6D35DA

 A78DDA

 5F20DA

 B5A2DA

 500ADA

 C4B8DA

 4A00DA

 D2CEDA

 E0E4DA

 EFFADA

 FDFFDA

 FFFFDA

# Harmonies

## Analogous

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



007CF2



8A61DA



CA3FA9

# Triad

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



8A61DA



B66400



009386

# Complementary

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



8A61DA



B1DA61

# 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.



009047



8A61DA



857B00

# Square

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



8A61DA



D84533



428900



0092C1

# Rectangle

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



8A61DA



DE2E81



428900



009271



# Sweetspot

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



8A61DA



E2D4FF



61B2DA



6F6680



000000



808080



# Same Dimension

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



8A61DA



8E54FF



C661DA



66636E



3B00AD



10002E



# Inverse Universe

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



DA61B1



FF54C5



75DA61



6E636A



AD0073

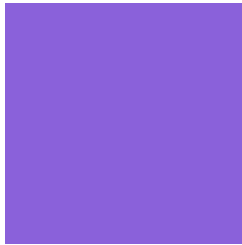


2E001E



# Previews

## White Background



This preview shows how the Hex color 8A61DA looks on a white background.

## Color Contrast Check

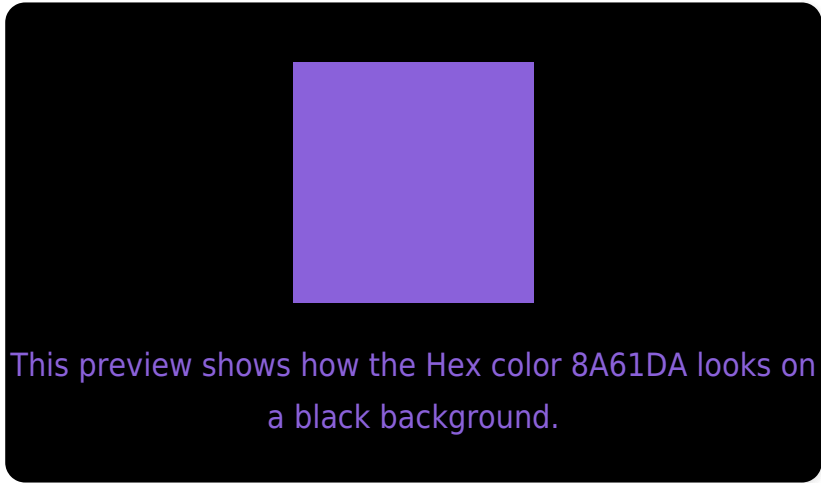
Large Text (above 18pt) WCAG AA ✓ Pass

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

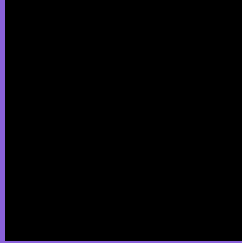
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8A61DA Background



This preview shows how black text looks on a background with the Hex color 8A61DA.

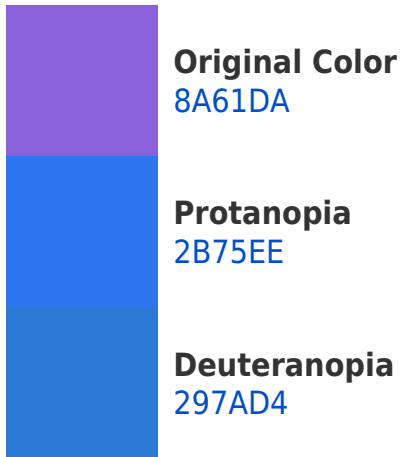


This preview shows how white text looks on a background with the Hex color 8A61DA.

# 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



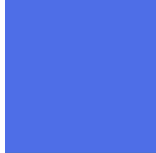


**Tritanopia**  
777882

# Trichromacy



**Original Color**  
8A61DA



**Protanomaly**  
4E6EE7



**Deuteranomaly**  
4C71D6



**Tritanomaly**  
7E70A2

# Monochromacy



**Original Color**  
8A61DA



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
80729E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A61DA 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 #8A61DA looks like.

```
.text, #text, p{  
    color:#8A61DA  
}
```

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 #8A61DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A61DA
}
```

## Border

The CSS property to change the border of an element to Hex 8A61DA 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
#8A61DA }
```

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

```
.border{ border-color:#8A61DA }
```

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

Here you see how a box with a 4 pixel #8A61DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A61DA; -webkit-box-shadow:4px 4px  
4px 4px #8A61DA; box-shadow:4px 4px 4px  
4px #8A61DA }
```

# Background

The CSS property to change the background color of an element to Hex 8A61DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A61DA }
```

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

```
.background{ background-color:#8A61DA }
```

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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