

# Converting Colors

Hex(8A42D4)

Have a look what the booklet for  
Hex(8A42D4) contains.

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# Color

**Hex(8A42D4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A42D4
RGB	138, 66, 212
RGB Percent	54%, 26%, 83%
CMY	0.4588, 0.7412, 0.1686
CMYK	0.35, 0.69, 0.00, 0.17
HSL	270°, 63%, 55%
HSV	270°, 69%, 83%
XYZ	24.3131, 14.0532, 63.7184
YIQ	104.1720, -3.9540, 60.6700

# Conversions

## Conversions Part 2

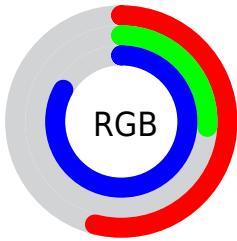
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 66, 212
Decimal	9061076
CIE <sub>Lab</sub>	44.31, 57.44, -63.31
CIE <sub>LCh</sub>	44, 85.485, 312.221
Yxy	14.0532, 0.2382, 0.1377
Android (android.graphics.Color)	4287251156 (0xFF8A42D4)
YUV	104.1720, 53.1592, 29.6672
Hunter-Lab	37.4876, 50.1656, -74.5353

# Details

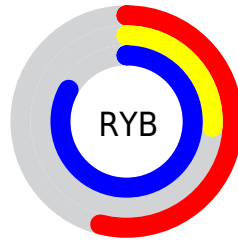
The Hex color **8A42D4** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **8CD442**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **C477FF**, and **50039C** is the 20% darker color. If you saturate the color by 10%, you get **7F2DD4**, and if you desaturate by 10%, it is **9557D4**.

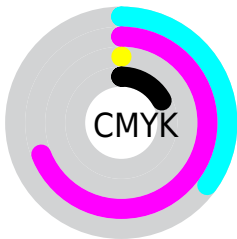
# Distribution



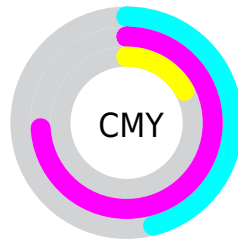
- Red (54%)
- Green (26%)
- Blue (83%)



- Red (54%)
- Yellow (26%)
- Blue (83%)



- Cyan (35%)
- Magenta (69%)
- Yellow (0%)
- Black (17%)



- Cyan (46%)
- Magenta (74%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A42D4 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 8A42D4 by changing the saturation by 10% instead.



 8A42D4

 8A42D4

FFFFFF

 6D27B8

 C477FF

 50039C

 E292FF

 320081

 FFAEFF

 0B0068

 FFCAFF

 00004E

 FFE7FF

 000536

 000220

 000004

 000000

 8A42D4

 8A42D4

 7F2DD4

 9557D4

 7518D4

 9F6CD4

 6A02D4

 AA82D4

 6900D4

 B597D4

 C0ACD4

 CAC1D4

 D5D6D4

 E0ECD4

 EBFFD4

# Harmonies

## Analogous

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



0069F7



8A42D4



CE0096

# Triad

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



8A42D4



A25500



008585

# Complementary

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



8A42D4



8CD442

# 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.



00823A



8A42D4



666F00

# Square

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



8A42D4



CD2100



007C00



0084C8

# Rectangle

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



8A42D4



DE0067



007C00



00846C



# Sweetspot

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



8A42D4



E4C9FF



428DD4



6F6080



000000



808080



# Same Dimension

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



8A42D4



942BFF



D242D4



66606B



5400AB



15002B



# Inverse Universe

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



D4428C



FF2B97



44D442



6B6066



AB0057

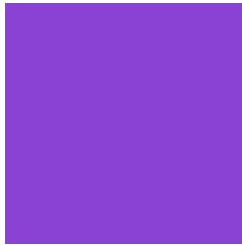


2B0016



# Previews

## White Background



This preview shows how the Hex color 8A42D4 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 × Fail

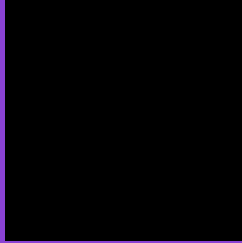
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8A42D4 Background



This preview shows how black text looks on a background with the Hex color 8A42D4.

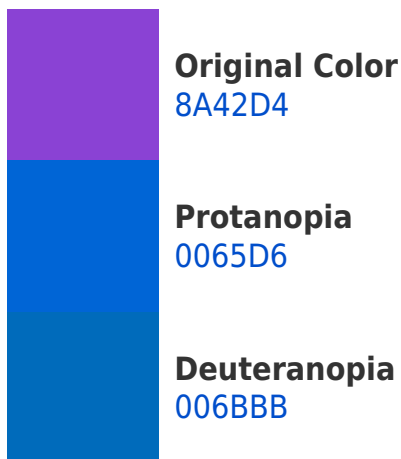



This preview shows how white text looks on a background with the Hex color 8A42D4.

# 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](#).

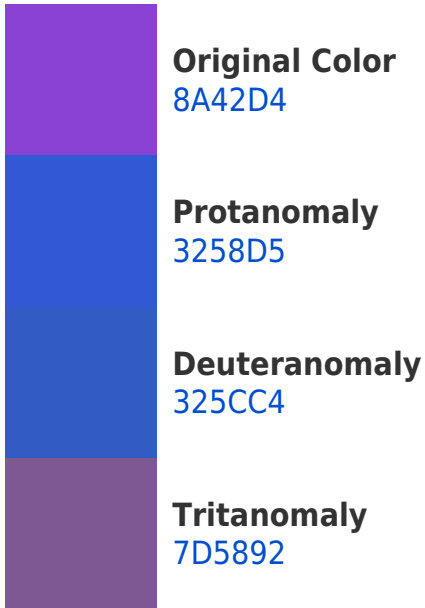
## Dichromacy



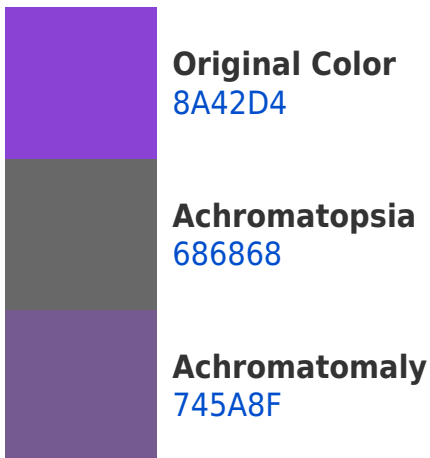


**Tritanopia**  
75646C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A42D4 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 #8A42D4 looks like.

```
.text, #text, p{  
    color:#8A42D4  
}
```

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 #8A42D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A42D4
}
```

## Border

The CSS property to change the border of an element to Hex 8A42D4 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
#8A42D4 }
```

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

```
.border{ border-color:#8A42D4 }
```

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

Here you see how a box with a 4 pixel #8A42D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A42D4; -webkit-box-shadow:4px 4px  
4px 4px #8A42D4; box-shadow:4px 4px 4px  
4px #8A42D4 }
```

# Background

The CSS property to change the background color of an element to Hex 8A42D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A42D4 }
```

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

```
.background{ background-color:#8A42D4 }
```

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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