

Converting Colors

Hex(8A4BD8)

Have a look what the booklet for
Hex(8A4BD8) contains.

| | |
|--|----|
| Hex(8A4BD8) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 28 |

Color

Hex(8A4BD8)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8A4BD8 |
| RGB | 138, 75, 216 |
| RGB Percent | 54%, 29%, 85% |
| CMY | 0.4588, 0.7059, 0.1529 |
| CMYK | 0.36, 0.65, 0.00, 0.15 |
| HSL | 267°, 64%, 57% |
| HSV | 267°, 65%, 85% |
| XYZ | 25.3920, 15.3933, 66.5986 |
| YIQ | 109.9110, -7.7130, 57.2070 |

Conversions

Conversions Part 2

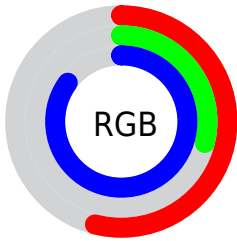
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 138, 75, 216 |
| Decimal | 9063384 |
| CIE _{Lab} | 46.17, 54.06, -62.59 |
| CIE _{LCh} | 46, 82.699, 310.819 |
| Yxy | 15.3933, 0.2365, 0.1433 |
| Android (android.graphics.Color) | 4287253464 (0xFF8A4BD8) |
| YUV | 109.9110, 52.3019, 24.6341 |
| Hunter-Lab | 39.2343, 46.8631, -73.1784 |

Details

The Hex color **8A4BD8** 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 **99D84B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **C47FFF**, and **5115A0** is the 20% darker color. If you saturate the color by 10%, you get **7E35D8**, and if you desaturate by 10%, it is **9661D8**.

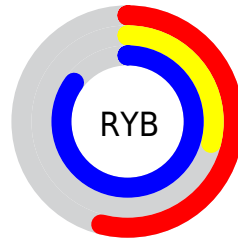
Distribution



Red (54%)

Green (29%)

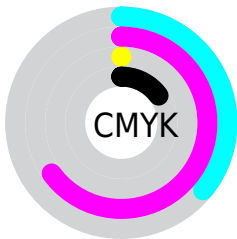
Blue (85%)



Red (54%)

Yellow (29%)

Blue (85%)

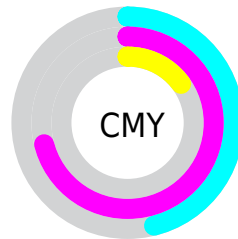


Cyan (36%)

Magenta (65%)

Yellow (0%)

Black (15%)



Cyan (46%)

Magenta (71%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A4BD8 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 8A4BD8 by changing the saturation by 10% instead.

8A4BD8

8A4BD8

FFFFFF

6D31BC

C47FFF

5115A0

E29AFF

320085

FFB6FF

08006B

FFD2FF

000052

FFEFFF

00053A

000223

00000A

000000

 8A4BD8

 8A4BD8

 7E35D8

 9661D8

 7220D8

 A276D8

 660AD8

 AE8CD8

 6100D8

 BAA1D8

 C6B7D8

 D2CDD8

 DEE2D8

 EAF8D8

 F6FFD8

Harmonies

Analogous

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



006FF8



8A4BD8



CE009D

Triad

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



8A4BD8



A95900



008986

Complementary

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



8A4BD8



99D84B

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.



00873C



8A4BD8



6F7300

Square

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



8A4BD8



D22A11



008000



0089C8

Rectangle

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



8A4BD8



E0006F



008000



00896D

Sweetspot

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



8A4BD8



E3CCFF



4B9BD8



6F6180



000000



808080

Same Dimension

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



8A4BD8



9138FF



CF4BD8



65606B



4C00AB



13002B

Inverse Universe

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



D84B99



FF38A6



54D84B



6B6066



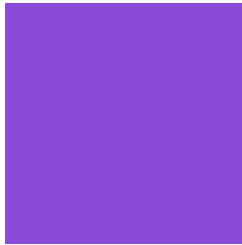
AB005F



2B0018

Previews

White Background



This preview shows how the Hex color 8A4BD8 looks on a white background.

Color Contrast Check

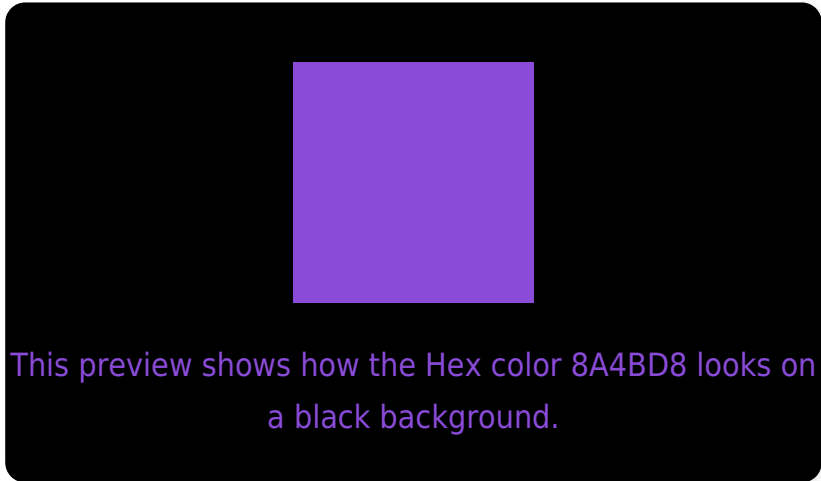
Large Text (above 18pt) WCAG AA ✓ Pass

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

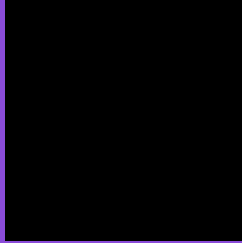
Any Text WCAG AA × Fail

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 8A4BD8 Background



This preview shows how black text looks on a background with the Hex color 8A4BD8.

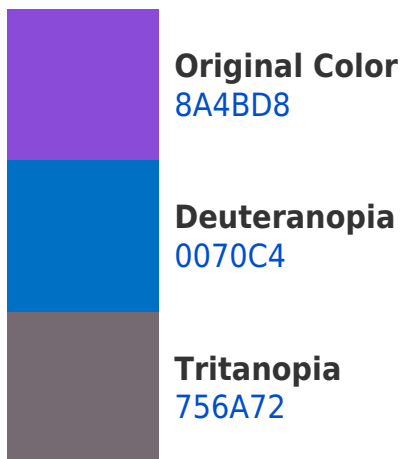


This preview shows how white text looks on a background with the Hex color 8A4BD8.

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



Original Color
8A4BD8



Deuteranomaly
3263CB

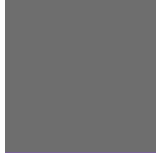


Tritanomaly
7D5F97

Monochromacy



Original Color
8A4BD8



Achromatopsia
6E6E6E



Achromatomaly
786195

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A4BD8 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 #8A4BD8 looks like.

```
.text, #text, p{  
    color:#8A4BD8  
}
```

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 #8A4BD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A4BD8
}
```

Border

The CSS property to change the border of an element to Hex 8A4BD8 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
#8A4BD8 }
```

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

```
.border{ border-color:#8A4BD8 }
```

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

Here you see how a box with a 4 pixel #8A4BD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A4BD8; -webkit-box-shadow:4px 4px  
4px 4px #8A4BD8; box-shadow:4px 4px 4px  
4px #8A4BD8 }
```

Background

The CSS property to change the background color of an element to Hex 8A4BD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A4BD8 }
```

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

```
.background{ background-color:#8A4BD8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor