

Converting Colors

Hex(8A3AE0)

Have a look what the booklet for
Hex(8A3AE0) contains.

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Color

Hex(8A3AE0)

Conversions

Conversions Part 1

Format	Color
Hex	8A3AE0
RGB	138, 58, 224
RGB Percent	54%, 23%, 88%
CMY	0.4588, 0.7725, 0.1216
CMYK	0.38, 0.74, 0.00, 0.12
HSL	269°, 73%, 55%
HSV	269°, 74%, 88%
XYZ	25.4488, 13.8112, 71.8455
YIQ	100.8440, -5.6060, 68.5860

Conversions

Conversions Part 2

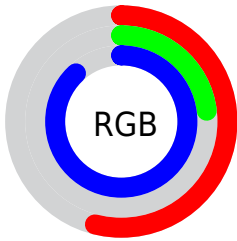
Format	Color
RYB	138, 58, 224
Decimal	9059040
CIELab	43.96, 63.81, -70.74
CIElCh	44, 95.267, 312.054
Yxy	13.8112, 0.2291, 0.1243
Android (android.graphics.Color)	4287249120 (0xFF8A3AE0)
YUV	100.8440, 60.7159, 32.5858
Hunter-Lab	37.1634, 57.1975, -88.6069

Details

The Hex color **8A3AE0** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **90E03A**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **C570FF**, and **4E00A7** is the 20% darker color. If you saturate the color by 10%, you get **7E24E0**, and if you desaturate by 10%, it is **9650E0**.

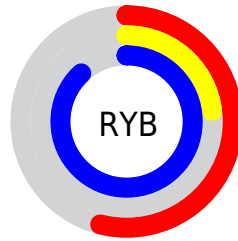
Distribution



Red (54%)

Green (23%)

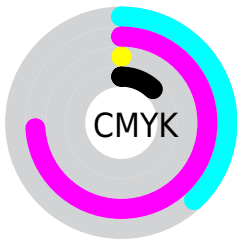
Blue (88%)



Red (54%)

Yellow (23%)

Blue (88%)

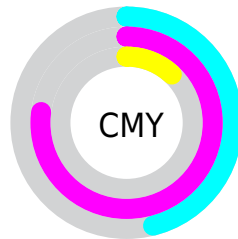


Cyan (38%)

Magenta (74%)

Yellow (0%)

Black (12%)



Cyan (46%)

Magenta (77%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A3AE0 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 8A3AE0 by changing the saturation by 10% instead.

 8A3AE0

 8A3AE0

FFFFFF

 6C1CC3

 C570FF

 4E00A7

 E38CFF

 2D008C

 FFA8FF

 000072

 FFC4FF

 000058

 FFE1FF

 000740

FFFEFF

 000329

 000113

 000000

■ 8A3AE0

■ 8A3AE0

■ 7E24E0

■ 9650E0

■ 730DE0

■ A167E0

■ 6C00E0

■ AD7DE0

■ B894E0

■ C4AAE0

■ D0C0E0

■ DBD7E0

■ E7EDE0

■ F2FFE0

Harmonies

Analogous

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



006AFF



8A3AE0



D7009B

Triad

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



8A3AE0



A55200



008587

Complementary

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



8A3AE0



90E03A

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.



008332



8A3AE0



626F00

Square

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



8A3AE0



D50000



007D00



0086D2

Rectangle

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



8A3AE0



E80067



007D00



00856C

Sweetspot

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



8A3AE0



E2C7FF



3A93E0



6E5E80



000000



808080

Same Dimension

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



8A3AE0



891CFF



DA3AE0



6A6570



5500B0



170030

Inverse Universe

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



E03A90



FF1C92



40E03A



70656B



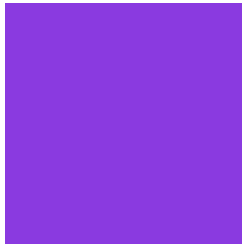
B0005B



300019

Previews

White Background



This preview shows how the Hex color 8A3AE0 looks on a white background.

Color Contrast Check

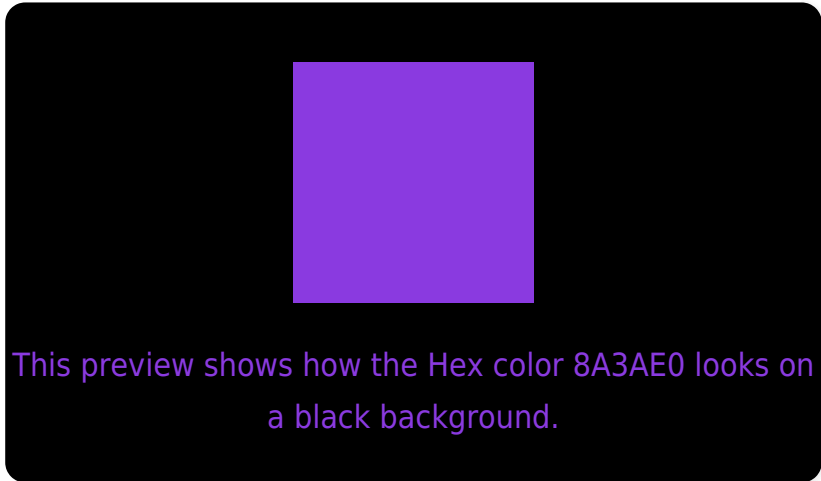
Large Text (above 18pt) WCAG AA ✓ Pass

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

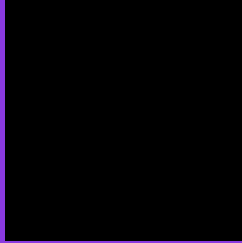
Any Text WCAG AA × Fail

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 8A3AE0 Background



This preview shows how black text looks on a background with the Hex color 8A3AE0.

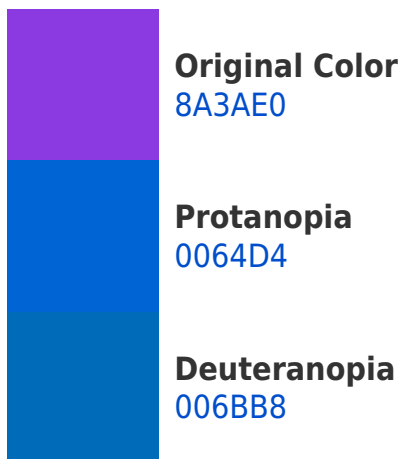



This preview shows how white text looks on a background with the Hex color 8A3AE0.

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](#).

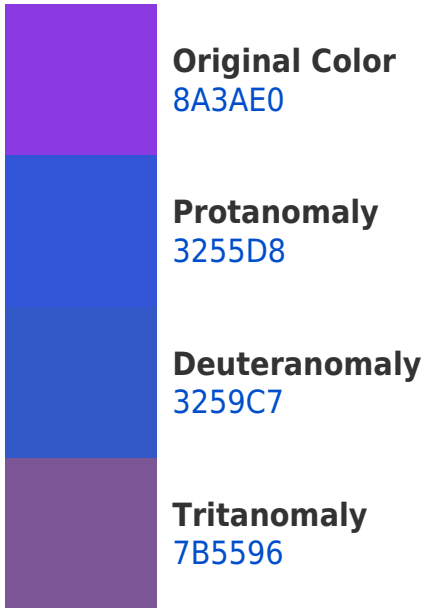
Dichromacy



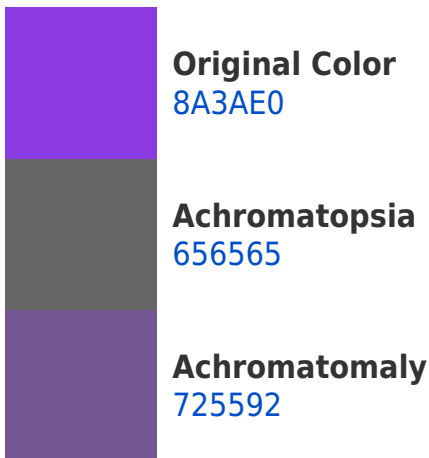


Tritanopia
72646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A3AE0 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 #8A3AE0 looks like.

```
.text, #text, p{  
    color:#8A3AE0  
}
```

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 #8A3AE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A3AE0
}
```

Border

The CSS property to change the border of an element to Hex 8A3AE0 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
#8A3AE0 }
```

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

```
.border{ border-color:#8A3AE0 }
```

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

Here you see how a box with a 4 pixel #8A3AE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A3AE0; -webkit-box-shadow:4px 4px  
4px 4px #8A3AE0; box-shadow:4px 4px 4px  
4px #8A3AE0 }
```

Background

The CSS property to change the background color of an element to Hex 8A3AE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A3AE0 }
```

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

```
.background{ background-color:#8A3AE0 }
```

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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