

Converting Colors

Hex(8438B1)

Have a look what the booklet for
Hex(8438B1) contains.

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Color

Hex(8438B1)

Conversions

Conversions Part 1

Format	Color
Hex	8438B1
RGB	132, 56, 177
RGB Percent	52%, 22%, 69%
CMY	0.4824, 0.7804, 0.3059
CMYK	0.25, 0.68, 0.00, 0.31
HSL	278°, 52%, 46%
HSV	278°, 68%, 69%
XYZ	18.8657, 10.9082, 42.7061
YIQ	92.5180, 6.4550, 53.7430

Conversions

Conversions Part 2

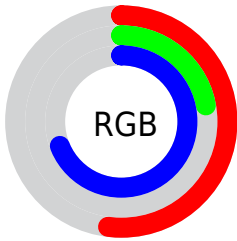
Format	Color
R_{YB}	132, 56, 177
Decimal	8665265
CIE _{Lab}	39.43, 52.76, -50.84
CIE _{LCh}	39, 73.268, 316.063
Yxy	10.9082, 0.2603, 0.1505
Android (android.graphics.Color)	4286855345 (0xFF8438B1)
YUV	92.5180, 41.6496, 34.6257
Hunter-Lab	33.0276, 44.1629, -53.5453

Details

The Hex color **8438B1** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **65B138**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **BC6DE9**, and **4D007B** is the 20% darker color. If you saturate the color by 10%, you get **7D26B1**, and if you desaturate by 10%, it is **8B4AB1**.

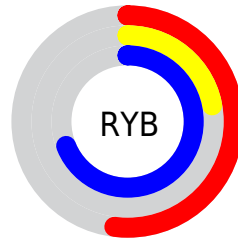
Distribution



Red (52%)

Green (22%)

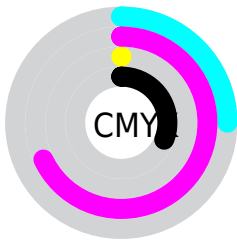
Blue (69%)



Red (52%)

Yellow (22%)

Blue (69%)

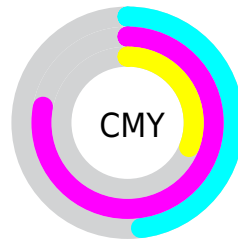


Cyan (25%)

Magenta (68%)

Yellow (0%)

Black (31%)



Cyan (48%)

Magenta (78%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8438B1 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 8438B1 by changing the saturation by 10% instead.

8438B1

8438B1

FFFFFF

691C96

BC6DE9

4D007B

D987FF

320062

F7A3FF

1A0049

FFBFFF

000032

FFDBFF

00011C

FFF8FF

000000

8438B1

8438B1

7D26B1

8B4AB1

7715B1

915BB1

7003B1

986DB1

6F00B1

9E7FB1

A591B1

ABA2B1

B2B4B1

B9C6B1

BFD7B1

Harmonies

Analogous

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



005AD2



8438B1



B6007B

Triad

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



8438B1



895000



00757D

Complementary

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



8438B1



65B138

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.



00733E



8438B1



556400

Square

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



8438B1



AF2D00



006F00



0074B3

Rectangle

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



8438B1



C10054



006F00



007568

Sweetspot

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



8438B1



D4B5E6



3866B1



685673



F2F2F2



737373

Same Dimension

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



8438B1



A029E6



B138A3



565059



600099



10001A

Inverse Universe

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



B13865



E6296F



38B146



595054



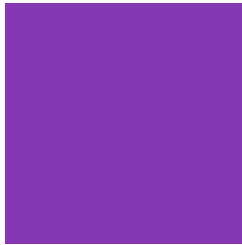
990039



1A0009

Previews

White Background



This preview shows how the Hex color 8438B1 looks on a white background.

Color Contrast Check

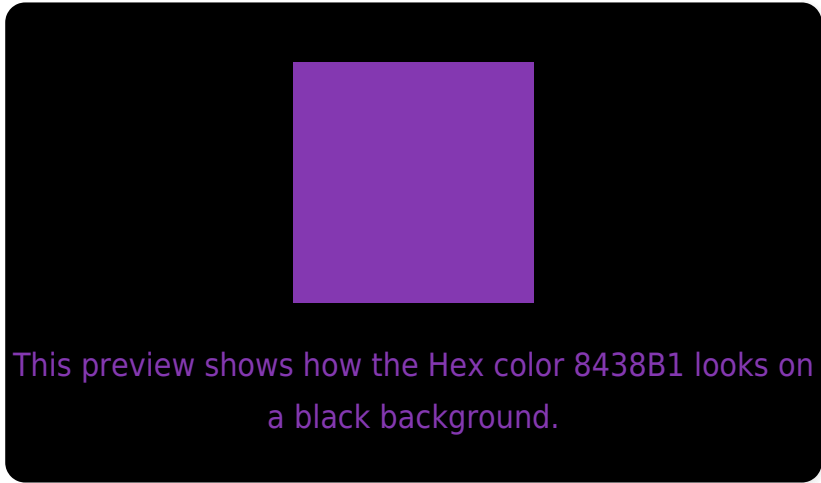
Large Text (above 18pt) WCAG AA ✓ Pass

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

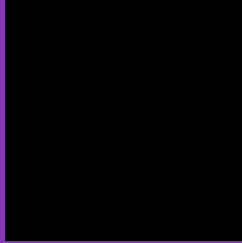
Any Text WCAG AA × Fail

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 8438B1 Background



This preview shows how black text looks on a background with the Hex color 8438B1.

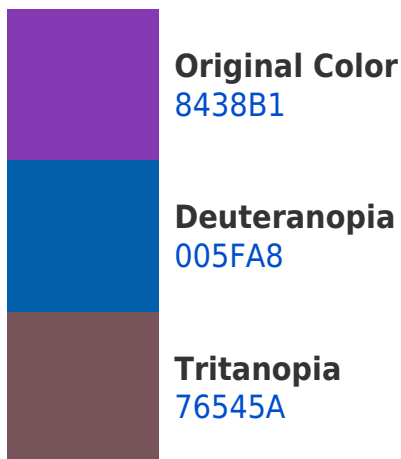


This preview shows how white text looks on a background with the Hex color 8438B1.

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
8438B1

Deuteranomaly
3051AB

Tritanomaly
7B4A7A

Monochromacy



Original Color
8438B1

Achromatopsia
5D5D5D

Achromatomaly
6B507C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8438B1 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 #8438B1 looks like.

```
.text, #text, p{  
    color:#8438B1  
}
```

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 #8438B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8438B1
}
```

Border

The CSS property to change the border of an element to Hex 8438B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

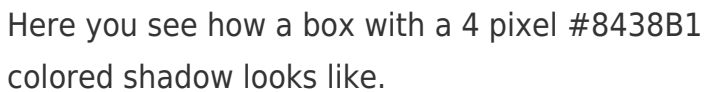
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8438B1 }
```

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

```
.border{ border-color:#8438B1 }
```

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



Here you see how a box with a 4 pixel #8438B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8438B1; -webkit-box-shadow:4px 4px  
4px 4px #8438B1; box-shadow:4px 4px 4px  
4px #8438B1 }
```

Background

The CSS property to change the background color of an element to Hex 8438B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8438B1 }
```

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

```
.background{ background-color:#8438B1 }
```

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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