

Converting Colors

Hex(8338B0)

Have a look what the booklet for
Hex(8338B0) contains.

Hex(8338B0)	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>	29

Color

Hex(8338B0)

Conversions

Conversions Part 1

Format	Color
Hex	8338B0
RGB	131, 56, 176
RGB Percent	51%, 22%, 69%
CMY	0.4863, 0.7804, 0.3098
CMYK	0.26, 0.68, 0.00, 0.31
HSL	278°, 52%, 45%
HSV	278°, 68%, 69%
XYZ	18.6107, 10.7882, 42.1757
YIQ	92.1050, 6.1800, 53.2200

Conversions

Conversions Part 2

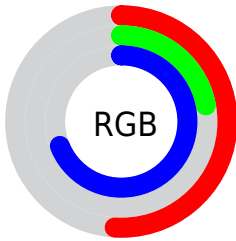
Format	Color
R_{YB}	131, 56, 176
Decimal	8599728
CIE _{Lab}	39.22, 52.32, -50.58
CIE _{LCh}	39, 72.772, 315.968
Yxy	10.7882, 0.2600, 0.1507
Android (android.graphics.Color)	4286789808 (0xFF8338B0)
YUV	92.1050, 41.3602, 34.1109
Hunter-Lab	32.8454, 43.6612, -53.1405

Details

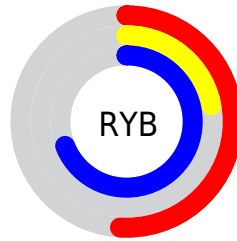
The Hex color **8338B0** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **65B038**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **BB6CE8**, and **4C007A** is the 20% darker color. If you saturate the color by 10%, you get **7C26B0**, and if you desaturate by 10%, it is **8A4AB0**.

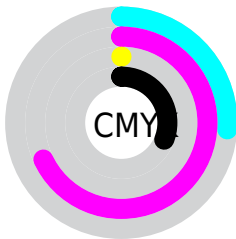
Distribution



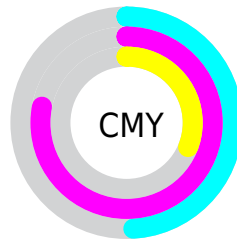
- Red (51%)
- Green (22%)
- Blue (69%)



- Red (51%)
- Yellow (22%)
- Blue (69%)



- Cyan (26%)
- Magenta (68%)
- Yellow (0%)
- Black (31%)



- Cyan (49%)
- Magenta (78%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8338B0 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 8338B0 by changing the saturation by 10% instead.

 8338B0

 8338B0

FFFFFF

 681C95

 BB6CE8

 4C007A

 D887FF

 310061

 F6A2FF

 190049

 FFBEFF

 000031

 FFDBFF

 00011B

 FFF8FF

 000000

 8338B0

 8338B0

 7C26B0

 8A4AB0

 7615B0

 905BB0

 6F03B0

 976DB0

 6E00B0

 9D7EB0

 A490B0

 ABA2B0

 B1B3B0

 B8C5B0

 BED6B0

Harmonies

Analogous

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



005AD0



8338B0



B5007B

Triad

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



8338B0



885000



00747C

Complementary

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



8338B0



65B038

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.



00733D



8338B0



546300

Square

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



8338B0



AE2C00



006E00



0073B2

Rectangle

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



8338B0



C00053



006E00



007467

Sweetspot

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



8338B0



D4B8E6



3866B0



685773



F2F2F2



737373

Same Dimension

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



8338B0



9F29E6



B038A2



565059



600099



10001A

Inverse Universe

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



B03865



E62970



38B046



595054



990039



1A000A

Previews

White Background



This preview shows how the Hex color 8338B0 looks on a white background.

Color Contrast Check

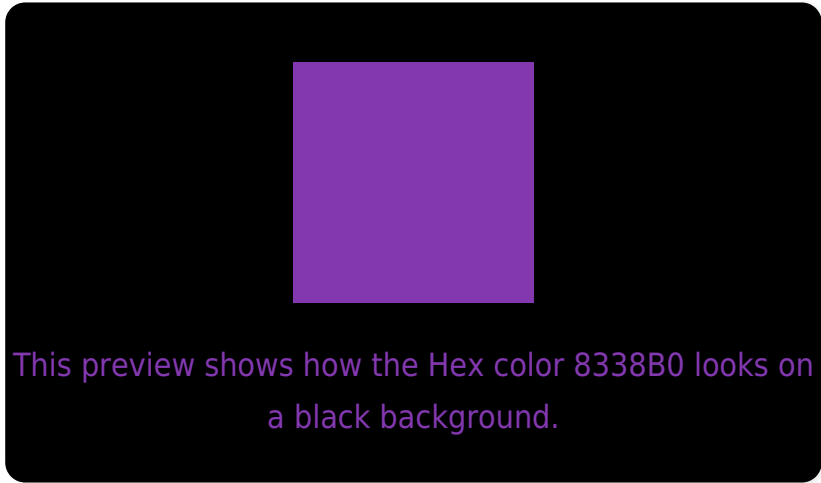
Large Text (above 18pt) WCAG AA ✓ Pass

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

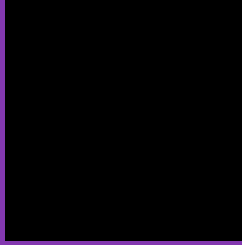
Any Text WCAG AA × Fail

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 8338B0 Background



This preview shows how black text looks on a background with the Hex color 8338B0.

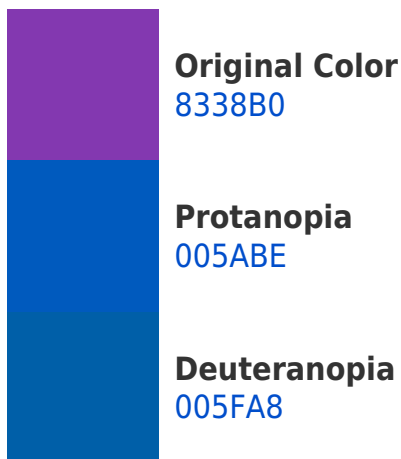



This preview shows how white text looks on a background with the Hex color 8338B0.

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](#).

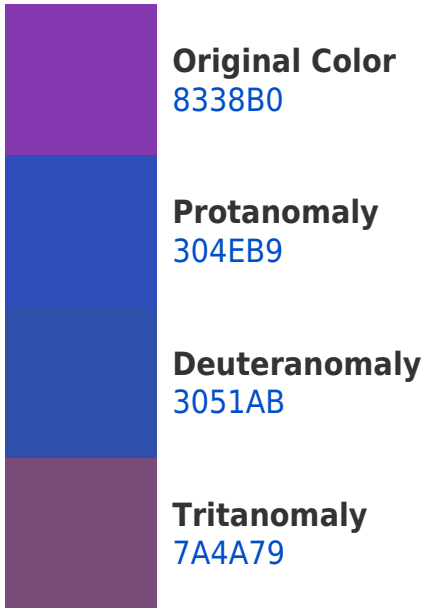
Dichromacy



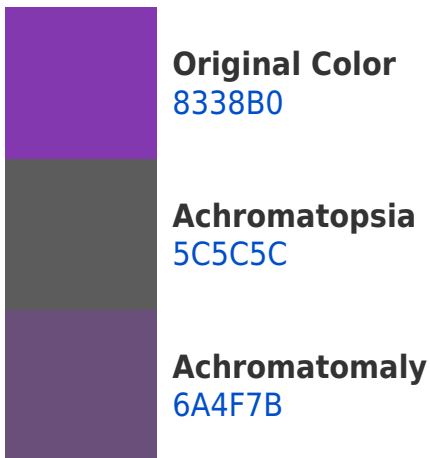


Tritanopia
75545A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8338B0 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 #8338B0 looks like.

```
.text, #text, p{  
    color:#8338B0  
}
```

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 #8338B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8338B0
}
```

Border

The CSS property to change the border of an element to Hex 8338B0 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
#8338B0 }
```

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

```
.border{ border-color:#8338B0 }
```

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

Here you see how a box with a 4 pixel #8338B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8338B0; -webkit-box-shadow:4px 4px  
4px 4px #8338B0; box-shadow:4px 4px 4px  
4px #8338B0 }
```

Background

The CSS property to change the background color of an element to Hex 8338B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8338B0 }
```

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

```
.background{ background-color:#8338B0 }
```

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