

Converting Colors

Hex(833BB9)

Have a look what the booklet for
Hex(833BB9) contains.

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Color

Hex(833BB9)

Conversions

Conversions Part 1

Format	Color
Hex	833BB9
RGB	131, 59, 185
RGB Percent	51%, 23%, 73%
CMY	0.4863, 0.7686, 0.2745
CMYK	0.29, 0.68, 0.00, 0.27
HSL	274°, 52%, 48%
HSV	274°, 68%, 73%
XYZ	19.6810, 11.4560, 47.0729
YIQ	94.8920, 2.4660, 54.4500

Conversions

Conversions Part 2

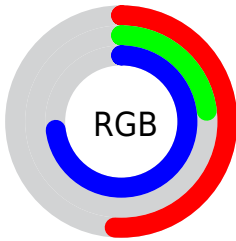
Format	Color
R_{YB}	131, 59, 185
Decimal	8600505
CIE _{Lab}	40.34, 52.97, -54.09
CIE _{LCh}	40, 75.709, 314.398
Yxy	11.4560, 0.2516, 0.1465
Android (android.graphics.Color)	4286790585 (0xFF833BB9)
YUV	94.8920, 44.4232, 31.6667
Hunter-Lab	33.8467, 44.5614, -58.7658

Details

The Hex color **833BB9** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **71B93B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **BC6FF2**, and **4C0083** is the 20% darker color. If you saturate the color by 10%, you get **7B29B9**, and if you desaturate by 10%, it is **8B4EB9**.

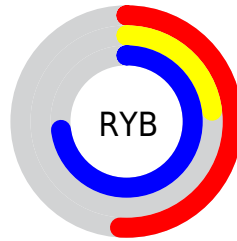
Distribution



Red (51%)

Green (23%)

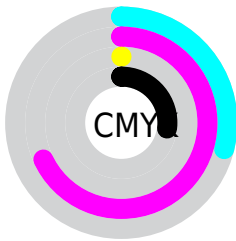
Blue (73%)



Red (51%)

Yellow (23%)

Blue (73%)

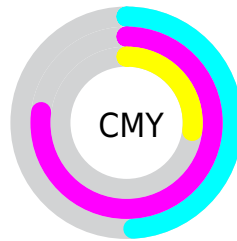


Cyan (29%)

Magenta (68%)

Yellow (0%)

Black (27%)



Cyan (49%)

Magenta (77%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 833BB9 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 833BB9 by changing the saturation by 10% instead.

 833BB9

 833BB9

FFFFFF

 67209E

 BC6FF2

 4C0083

 D98AFF

 2F0069

 F6A5FF

 160050

 FFC1FF

 000038

 FFDEFF

 000222

 FFFBFF

 000007

 000000

 833BB9

 833BB9

■ 7B29B9

■ 8B4EB9

■ 7316B9

■ 9360B9

■ 6B04B9

■ 9B73B9

■ 6A00B9

■ A385B9

■ AB98B9

■ B3AAB9

■ BBBDB9

■ C2CFB9

■ CAE2B9

Harmonies

Analogous

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



005ED9



833BB9



BA0082

Triad

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



833BB9



8F5000



00787C

Complementary

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



833BB9



71B93B

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.



00763B



833BB9



596600

Square

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



833BB9



B52900



007100



0077B6

Rectangle

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



833BB9



C60059



007100



007867

Sweetspot

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



833BB9



DBC0F0



3B72B9



6C5B78



F7F7F7



787878

Same Dimension

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



833BB9



9B2BF0



B93BB1



58535C



59009C



10001C

Inverse Universe

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



B93B71



F02B7F



3BB943



5C5357



9C0043



1C000C

Previews

White Background



This preview shows how the Hex color 833BB9 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 833BB9 Background



This preview shows how black text looks on a background with the Hex color 833BB9.

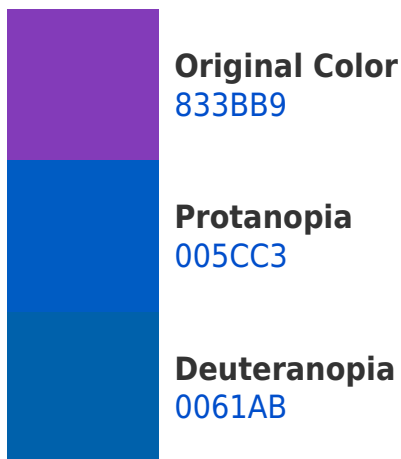


This preview shows how white text looks on a background with the Hex color 833BB9.

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](#).

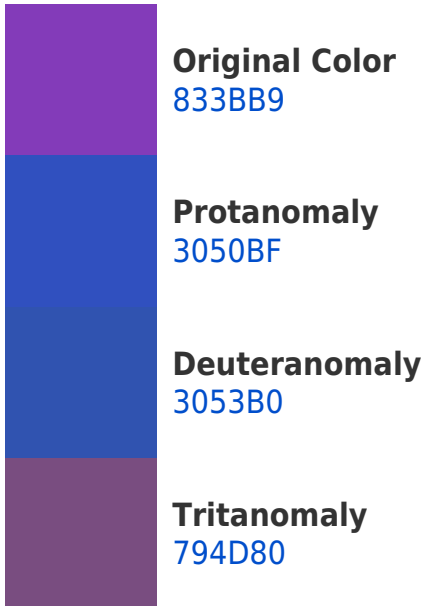
Dichromacy



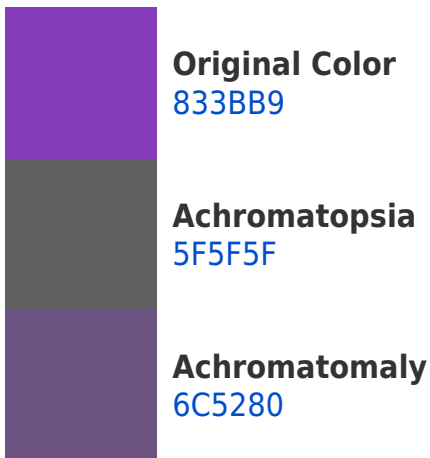


Tritanopia
73585F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 833BB9 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 #833BB9 looks like.

```
.text, #text, p{  
    color:#833BB9  
}
```

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 #833BB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833BB9
}
```

Border

The CSS property to change the border of an element to Hex 833BB9 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
#833BB9 }
```

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

```
.border{ border-color:#833BB9 }
```

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

Here you see how a box with a 4 pixel #833BB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833BB9; -webkit-box-shadow:4px 4px  
4px 4px #833BB9; box-shadow:4px 4px 4px  
4px #833BB9 }
```

Background

The CSS property to change the background color of an element to Hex 833BB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833BB9 }
```

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

```
.background{ background-color:#833BB9 }
```

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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