

Converting Colors

Hex(833BC4)

Have a look what the booklet for
Hex(833BC4) contains.

Hex(833BC4)	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(833BC4)

Conversions

Conversions Part 1

Format	Color
Hex	833BC4
RGB	131, 59, 196
RGB Percent	51%, 23%, 77%
CMY	0.4863, 0.7686, 0.2314
CMYK	0.33, 0.70, 0.00, 0.23
HSL	272°, 54%, 50%
HSV	272°, 70%, 77%
XYZ	20.8878, 11.9387, 53.4280
YIQ	96.1460, -1.0650, 57.8710

Conversions

Conversions Part 2

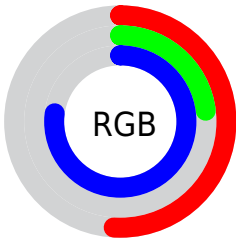
Format	Color
R_{YB}	131, 59, 196
Decimal	8600516
CIE _{Lab}	41.12, 55.53, -59.27
CIE _{LCh}	41, 81.219, 313.135
Yxy	11.9387, 0.2422, 0.1384
Android (android.graphics.Color)	4286790596 (0xFF833BC4)
YUV	96.1460, 49.2280, 30.5670
Hunter-Lab	34.5525, 47.4408, -67.4926

Details

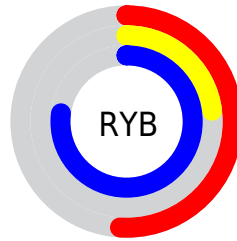
The Hex color **833BC4** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **7CC43B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **BC70FE**, and **4A008D** is the 20% darker color. If you saturate the color by 10%, you get **7A27C4**, and if you desaturate by 10%, it is **8C4FC4**.

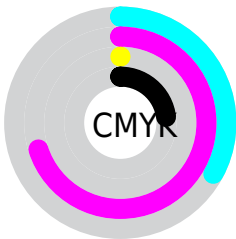
Distribution



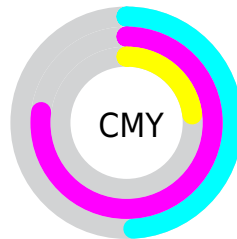
- Red (51%)
- Green (23%)
- Blue (77%)



- Red (51%)
- Yellow (23%)
- Blue (77%)



- Cyan (33%)
- Magenta (70%)
- Yellow (0%)
- Black (23%)



- Cyan (49%)
- Magenta (77%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 833BC4 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 833BC4 by changing the saturation by 10% instead.

833BC4

833BC4

FFFFFF

671FA8

BC70FE

4A008D

DA8BFF

2D0073

F7A6FF

0D005A

FFC2FF

000041

FFDFFF

00032A

FFFCFF

000114

000000

833BC4

833BC4

 7A27C4

 8C4FC4

 7014C4

 9662C4

 6700C4

 9F76C4

 A889C4

 B19DC4

 BBB1C4

 C4C4C4

 CDD8C4

 D7EBC4

Harmonies

Analogous

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



0061E6



833BC4



C10089

Triad

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



833BC4



955000



007B7E

Complementary

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



833BC4



7CC43B

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.



007937



833BC4



5C6700

Square

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



833BC4



BE2000



007400



007BBC

Rectangle

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



833BC4



CF005D



007400



007B67

Sweetspot

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



833BC4



E6C9FF



3B7DC4



706080



000000



808080

Same Dimension

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



833BC4



9929FF



C43BC2



5C5761



5400A1



110021

Inverse Universe

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



C43B7C



FF298E



3BC43D



61575C



A1004C



210010

Previews

White Background



This preview shows how the Hex color 833BC4 looks on a white background.

Color Contrast Check

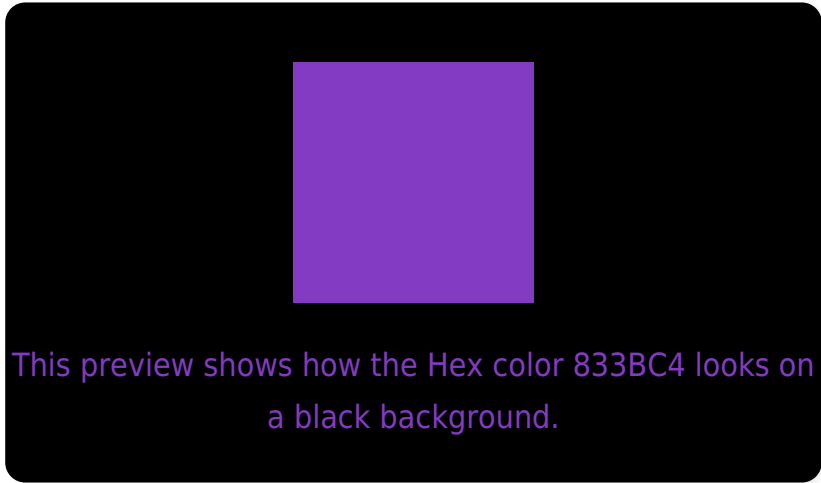
Large Text (above 18pt) WCAG AA ✓ Pass

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

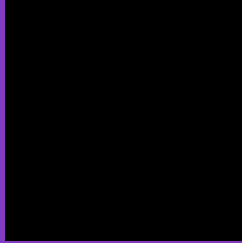
Any Text WCAG AA × Fail

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 833BC4 Background



This preview shows how black text looks on a background with the Hex color 833BC4.

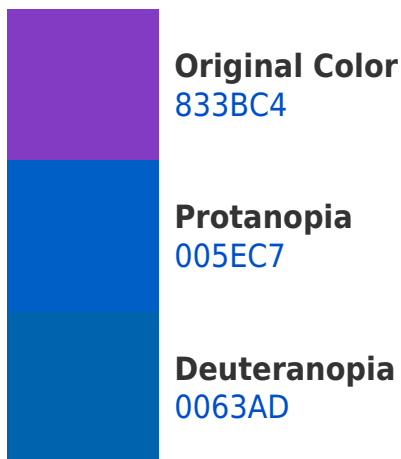


This preview shows how white text looks on a background with the Hex color 833BC4.

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
705B63

Trichromacy



Original Color
833BC4



Protanomaly
3051C6



Deuteranomaly
3054B5



Tritanomaly
774F86

Monochromacy



Original Color
833BC4



Achromatopsia
606060



Achromatomaly
6D5384

CSS Examples

Text

The CSS property to change the color of the text to Hex 833BC4 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 #833BC4 looks like.

```
.text, #text, p{  
    color:#833BC4  
}
```

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 #833BC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833BC4
}
```

Border

The CSS property to change the border of an element to Hex 833BC4 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
#833BC4 }
```

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

```
.border{ border-color:#833BC4 }
```

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

Here you see how a box with a 4 pixel #833BC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833BC4; -webkit-box-shadow:4px 4px  
4px 4px #833BC4; box-shadow:4px 4px 4px  
4px #833BC4 }
```

Background

The CSS property to change the background color of an element to Hex 833BC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833BC4 }
```

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

```
.background{ background-color:#833BC4 }
```

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