

Converting Colors

Hex(83338C)

Have a look what the booklet for
Hex(83338C) contains.

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Color

Hex(83338C)

Conversions

Conversions Part 1

Format	Color
Hex	83338C
RGB	131, 51, 140
RGB Percent	51%, 20%, 55%
CMY	0.4863, 0.8000, 0.4510
CMYK	0.06, 0.64, 0.00, 0.45
HSL	294°, 47%, 37%
HSV	294°, 64%, 55%
XYZ	15.2775, 9.0864, 25.7596
YIQ	85.0660, 19.1110, 44.6390

Conversions

Conversions Part 2

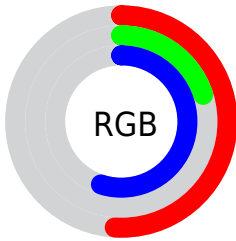
Format	Color
R_{YB}	131, 51, 140
Decimal	8598412
CIE _{Lab}	36.15, 47.07, -33.78
CIE _{LCh}	36, 57.940, 324.335
Yxy	9.0864, 0.3048, 0.1813
Android (android.graphics.Color)	4286788492 (0xFF83338C)
YUV	85.0660, 27.0825, 40.2841
Hunter-Lab	30.1437, 37.7167, -29.5663

Details

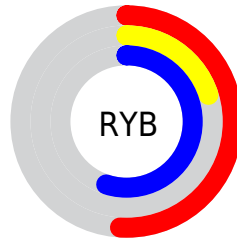
The Hex color **83338C** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3C8C33**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **BA67C2**, and **4E0059** is the 20% darker color. If you saturate the color by 10%, you get **82258C**, and if you desaturate by 10%, it is **84418C**.

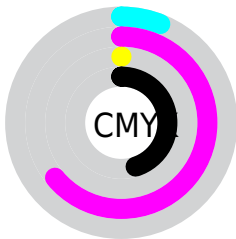
Distribution



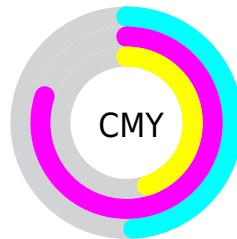
- Red (51%)
- Green (20%)
- Blue (55%)



- Red (51%)
- Yellow (20%)
- Blue (55%)



- Cyan (6%)
- Magenta (64%)
- Yellow (0%)
- Black (45%)



- Cyan (49%)
- Magenta (80%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83338C 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 83338C by changing the saturation by 10% instead.

 83338C

 83338C

FFFFFF

 681772

 BA67C2

 4E0059

 D781DE

 350041

 F49CFB

 1E002B

 FFB8FF

 000115

 FFD4FF

 000000

 FFF1FF

 83338C

 83338C

 82258C

 84418C

 80178C

 864F8C

 7F098C

 875D8C

 7E008C

 896B8C

 8A798C

 8B878C

 8D958C

 8EA38C

 90B18C

Harmonies

Analogous

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



3A4DAB



83338C



A11860

Triad

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



83338C



6F5000



00697A

Complementary

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



83338C



3C8C33

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.



00684A



83338C



435E00

Square

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



83338C



903B00



006518



0066A1

Rectangle

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



83338C



A51941



006518



00696B

Sweetspot

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



83338C



B293B5



333D8C



5A475C



DBDBDB



5C5C5C

Same Dimension

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



83338C



A72BB5



8C336A



443E45



770085



050005

Inverse Universe

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



8C333C



B52B39



338C55



453E3F



85000D



050001

Previews

White Background



This preview shows how the Hex color 83338C looks on a white background.

Color Contrast Check

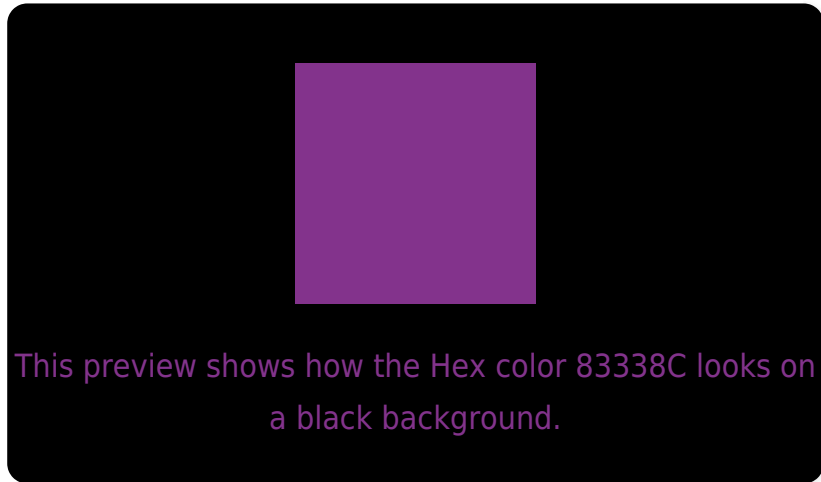
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

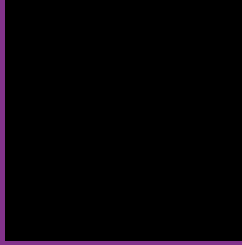
Any Text WCAG AA × Fail

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 83338C Background



This preview shows how black text looks on a background with the Hex color 83338C.

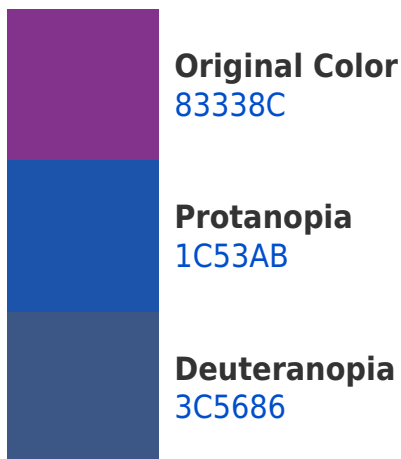


This preview shows how white text looks on a background with the Hex color 83338C.

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
7B464B

Trichromacy



Original Color
83338C



Protanomaly
4147A0



Deuteranomaly
564988



Tritanomaly
7E3F63

Monochromacy



Original Color
83338C



Achromatopsia
555555



Achromatomaly
664969

CSS Examples

Text

The CSS property to change the color of the text to Hex 83338C 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 #83338C looks like.

```
.text, #text, p{  
    color:#83338C  
}
```

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 #83338C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83338C
}
```

Border

The CSS property to change the border of an element to Hex 83338C is called "border". The border property can be set on classes, ids or directly on the HTML element.

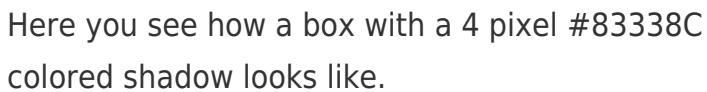
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83338C }
```

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

```
.border{ border-color:#83338C }
```

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



Here you see how a box with a 4 pixel #83338C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83338C; -webkit-box-shadow:4px 4px  
4px 4px #83338C; box-shadow:4px 4px 4px  
4px #83338C }
```

Background

The CSS property to change the background color of an element to Hex 83338C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83338C }
```

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

```
.background{ background-color:#83338C }
```

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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