

Converting Colors

Hex(85308C)

Have a look what the booklet for
Hex(85308C) contains.

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Color

Hex(85308C)

Conversions

Conversions Part 1

Format	Color
Hex	85308C
RGB	133, 48, 140
RGB Percent	52%, 19%, 55%
CMY	0.4784, 0.8118, 0.4510
CMYK	0.05, 0.66, 0.00, 0.45
HSL	295°, 49%, 37%
HSV	295°, 66%, 55%
XYZ	15.4634, 8.9939, 25.7319
YIQ	83.9030, 21.1280, 46.6320

Conversions

Conversions Part 2

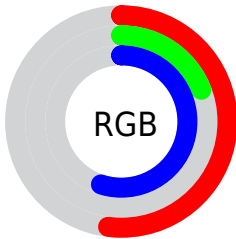
Format	Color
R_{YB}	133, 48, 140
Decimal	8728716
CIE _{Lab}	35.97, 48.94, -34.04
CIE _{LCh}	36, 59.613, 325.174
Yxy	8.9939, 0.3081, 0.1792
Android (android.graphics.Color)	4286918796 (0xFF85308C)
YUV	83.9030, 27.6558, 43.0581
Hunter-Lab	29.9898, 39.5565, -29.8792

Details

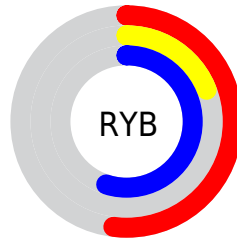
The Hex color **85308C** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **378C30**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **BD65C2**, and **500059** is the 20% darker color. If you saturate the color by 10%, you get **84228C**, and if you desaturate by 10%, it is **863E8C**.

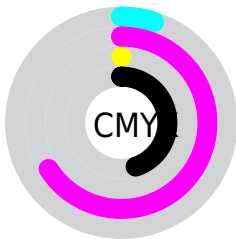
Distribution



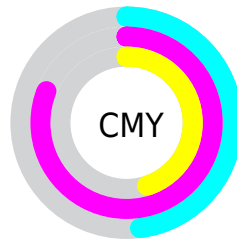
- Red (52%)
- Green (19%)
- Blue (55%)



- Red (52%)
- Yellow (19%)
- Blue (55%)



- Cyan (5%)
- Magenta (66%)
- Yellow (0%)
- Black (45%)



- Cyan (48%)
- Magenta (81%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85308C 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 85308C by changing the saturation by 10% instead.

 85308C

 85308C

FFFFFF

 6A1272

 BD65C2

 500059

 D97FDE

 370041


 F69AFB

 1F002B

 FFB6FF

 000115

 FFD2FF

 000000

 FFEFFF

 85308C

 85308C

 84228C

 863E8C

■ 83148C

■ 874C8C

■ 82068C

■ 885A8C

■ 81008C

■ 89688C

■ 8A768C

■ 8B848C

■ 8C928C

■ 8EA08C

■ 8FAE8C

Harmonies

Analogous

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



3B4BAC



85308C



A3115E

Triad

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



85308C



6E5000



00697C

Complementary

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



85308C



378C30

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.



00684B



85308C



415E00

Square

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



85308C



903A00



006517



0066A3

Rectangle

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



85308C



A7133F



006517



00696C

Sweetspot

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



85308C



B291B5



30388C



5A465C



DBDBDB



5C5C5C

Same Dimension

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



85308C



AA26B5



8C3066



443E45



7B0085



050005

Inverse Universe

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



8C3037



B52631



308C56



453E3E



85000A



050000

Previews

White Background



This preview shows how the Hex color 85308C looks on a white background.

Color Contrast Check

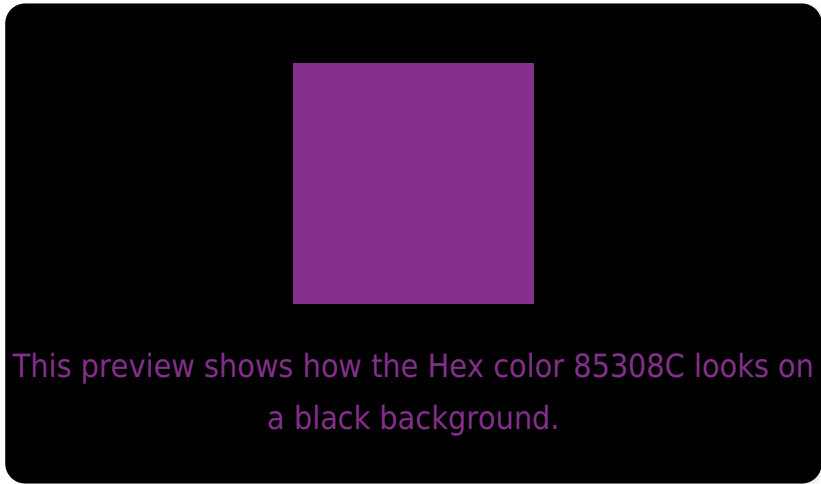
Large Text (above 18pt) WCAG AA ✓ Pass

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

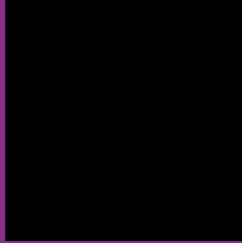
Any Text WCAG AA × Fail

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 85308C Background



This preview shows how black text looks on a background with the Hex color 85308C.

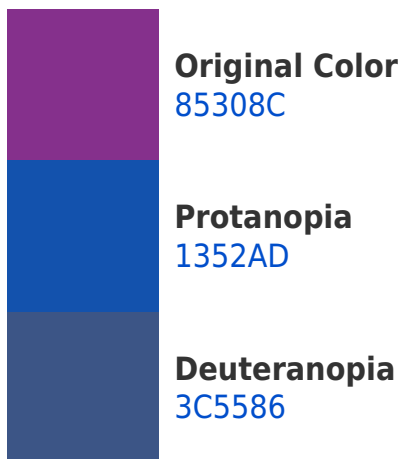


This preview shows how white text looks on a background with the Hex color 85308C.

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](#).

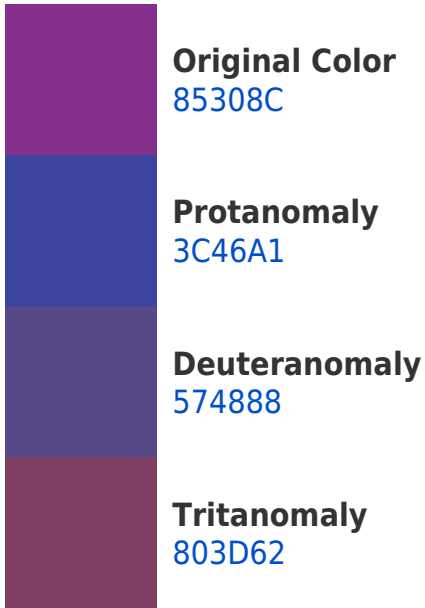
Dichromacy





Tritanopia
7D454A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85308C 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 #85308C looks like.

```
.text, #text, p{  
    color:#85308C  
}
```

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 #85308C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85308C
}
```

Border

The CSS property to change the border of an element to Hex 85308C is called "border". The border property can be set on classes, ids or directly on the HTML element.

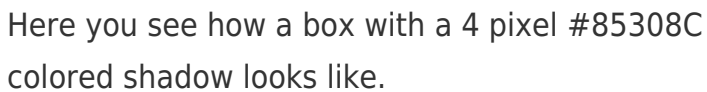
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#85308C }
```

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

```
.border{ border-color:#85308C }
```

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



Here you see how a box with a 4 pixel #85308C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85308C; -webkit-box-shadow:4px 4px  
4px 4px #85308C; box-shadow:4px 4px 4px  
4px #85308C }
```

Background

The CSS property to change the background color of an element to Hex 85308C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85308C }
```

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

```
.background{ background-color:#85308C }
```

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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