

# Converting Colors

Hex(85258F)

Have a look what the booklet for  
Hex(85258F) contains.

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# Color

**Hex(85258F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	85258F
RGB	133, 37, 143
RGB Percent	52%, 15%, 56%
CMY	0.4784, 0.8549, 0.4392
CMYK	0.07, 0.74, 0.00, 0.44
HSL	294°, 59%, 35%
HSV	294°, 74%, 56%
XYZ	15.2924, 8.2929, 26.7813
YIQ	77.7880, 23.1900, 53.3180

# Conversions

## Conversions Part 2

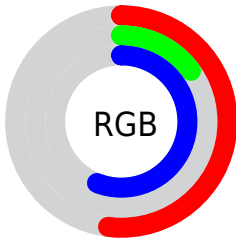
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 37, 143
Decimal	8725903
CIE <sub>Lab</sub>	34.59, 53.90, -38.09
CIE <sub>LCh</sub>	35, 66.007, 324.751
Yxy	8.2929, 0.3036, 0.1647
Android (android.graphics.Color)	4286915983 (0xFF85258F)
YUV	77.7880, 32.1495, 48.4209
Hunter-Lab	28.7973, 44.3943, -34.9811

# Details

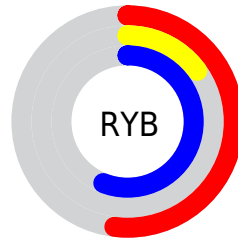
The Hex color **85258F** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2F8F25**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **BD5CC5**, and **4F005C** is the 20% darker color. If you saturate the color by 10%, you get **84178F**, and if you desaturate by 10%, it is **86338F**.

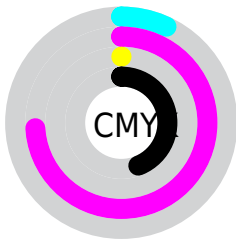
# Distribution



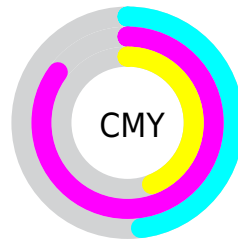
- Red (52%)
- Green (15%)
- Blue (56%)



- Red (52%)
- Yellow (15%)
- Blue (56%)



- Cyan (7%)
- Magenta (74%)
- Yellow (0%)
- Black (44%)



- Cyan (48%)
- Magenta (85%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85258F 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 85258F by changing the saturation by 10% instead.





85258F



85258F

FFFFFF



6A0075



BD5CC5



4F005C



DA77E2



360044



F792FE



1D002D



FFAEFF



000117



FFCAFF



000000



FFE7FF



85258F



85258F



84178F



86338F

 82088F

 88428F

 82008F

 89508F

 8A5E8F

 8C6D8F

 8D7B8F

 8E898F

 90978F

 91A68F

# Harmonies

## Analogous

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



2848B2



85258F



A6005D

# Triad

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



85258F



6C4C00



00677C

# Complementary

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



85258F



2F8F25

# 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.



006646



85258F



3A5B00

# Square

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



85258F



913200



006307



0064A8

# Rectangle

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



85258F



AA003A



006307



00676B



# Sweetspot

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



85258F



B691BA



25308F



5C465E



DEDEDE



5E5E5E



# Same Dimension

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



85258F



AB14BA



8F2565



474047



7A0087



070008



# Inverse Universe

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



8F252F



BA1424



258F4F



474041



87000D



080001



# Previews

## White Background



This preview shows how the Hex color 85258F looks on a white background.

## Color Contrast Check

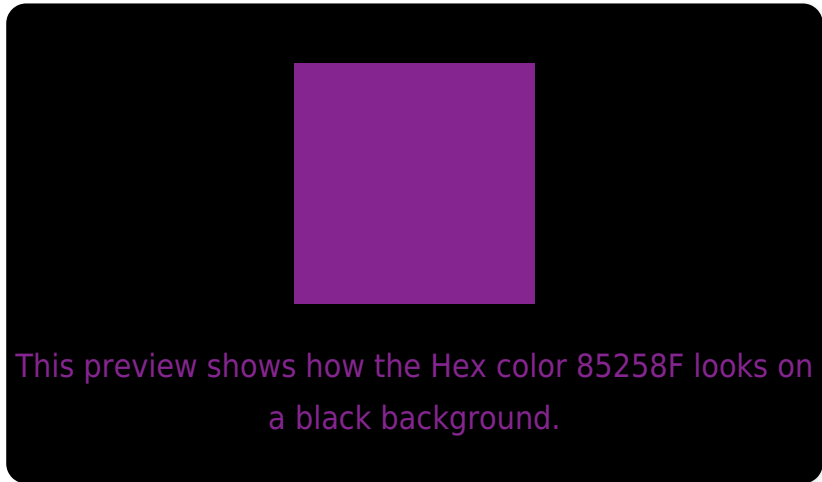
Large Text (above 18pt) WCAG AA ✓ Pass

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 85258F Background



This preview shows how black text looks on a background with the Hex color 85258F.

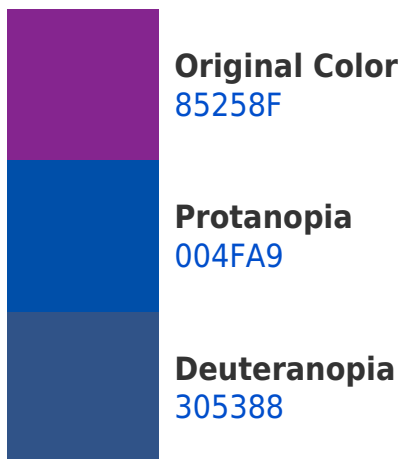


This preview shows how white text looks on a background with the Hex color 85258F.

# 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](#).

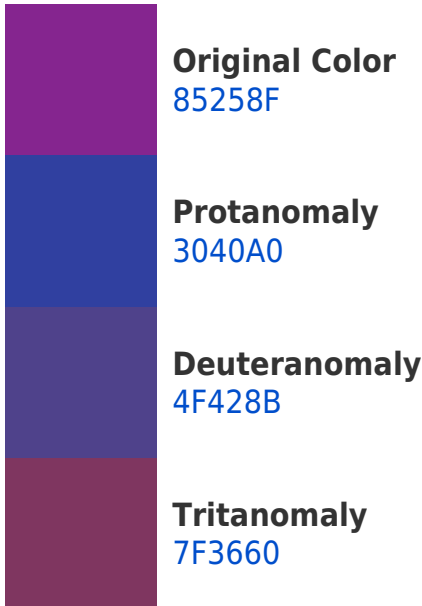
## Dichromacy



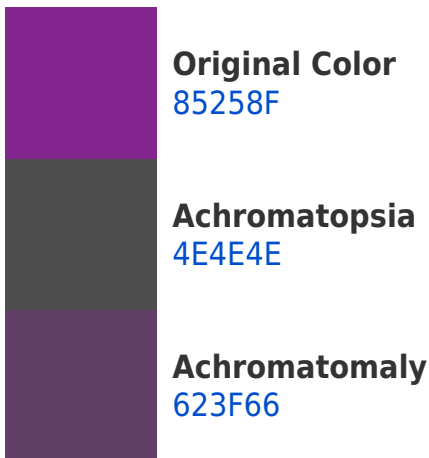


**Tritanopia**  
7C4045

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85258F 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 #85258F looks like.

```
.text, #text, p{  
    color:#85258F  
}
```

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 #85258F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85258F
}
```

## Border

The CSS property to change the border of an element to Hex 85258F is called "border". The border property can be set on classes, ids or directly on the HTML element.

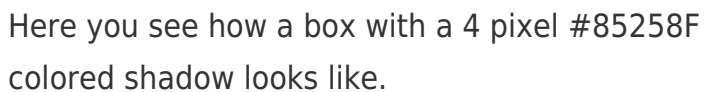
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#85258F }
```

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

```
.border{ border-color:#85258F }
```

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



Here you see how a box with a 4 pixel #85258F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85258F; -webkit-box-shadow:4px 4px  
4px 4px #85258F; box-shadow:4px 4px 4px  
4px #85258F }
```

# Background

The CSS property to change the background color of an element to Hex 85258F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85258F }
```

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

```
.background{ background-color:#85258F }
```

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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