

Converting Colors

Hex(85379E)

Have a look what the booklet for
Hex(85379E) contains.

Hex(85379E)	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(85379E)

Conversions

Conversions Part 1

Format	Color
Hex	85379E
RGB	133, 55, 158
RGB Percent	52%, 22%, 62%
CMY	0.4784, 0.7843, 0.3804
CMYK	0.16, 0.65, 0.00, 0.38
HSL	285°, 48%, 42%
HSV	285°, 65%, 62%
XYZ	17.2106, 10.1875, 33.4070
YIQ	90.0640, 13.4250, 48.5690

Conversions

Conversions Part 2

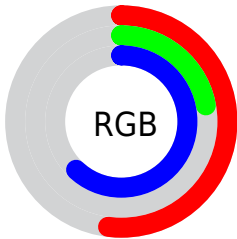
Format	Color
R_{YB}	133, 55, 158
Decimal	8730526
CIE _{Lab}	38.18, 49.35, -41.48
CIE _{LCh}	38, 64.470, 319.949
Yxy	10.1875, 0.2830, 0.1675
Android (android.graphics.Color)	4286920606 (0xFF85379E)
YUV	90.0640, 33.4924, 37.6549
Hunter-Lab	31.9179, 40.3934, -39.7136

Details

The Hex color **85379E** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **509E37**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **BD6BD5**, and **50006A** is the 20% darker color. If you saturate the color by 10%, you get **81279E**, and if you desaturate by 10%, it is **89479E**.

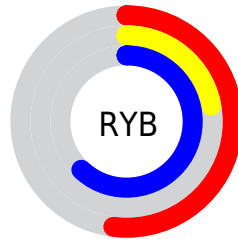
Distribution



Red (52%)

Green (22%)

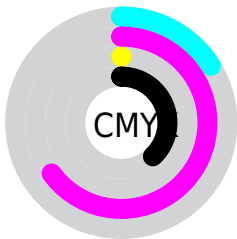
Blue (62%)



Red (52%)

Yellow (22%)

Blue (62%)

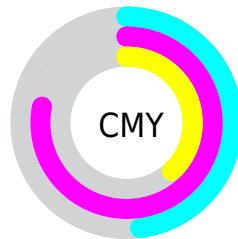


Cyan (16%)

Magenta (65%)

Yellow (0%)

Black (38%)



Cyan (48%)

Magenta (78%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85379E 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 85379E by changing the saturation by 10% instead.

85379E

85379E

FFFFFF

6A1B84

BD6BD5

50006A

D986F2

360051

F7A1FF

1F003A

FFBDFE

000223

FFD9FF

000009

FFF6FF

000000

85379E

85379E

81279E

89479E

7D179E

8D579E

79089E

91669E

78009E

94769E

98869E

9C969E

A0A69E

A4B59E

A8C59E

Harmonies

Analogous

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



1354BD



85379E



AC0E6E

Triad

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



85379E



7D5100



00707C

Complementary

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



85379E



509E37

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.



006F46



85379E



4D6200

Square

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



85379E



A03701



006B07



006EAA

Rectangle

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



85379E



B3044B



006B07



00706B

Sweetspot

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



85379E



C5A5CF



37519E



624F69



E8E8E8



696969

Same Dimension

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



85379E



A72DCF



9E3784



4D474F



6C008F



0C000F

Inverse Universe

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



9E3750



CF2D55



379E51



4F4749



8F0023



0F0004

Previews

White Background



This preview shows how the Hex color 85379E looks on a white background.

Color Contrast Check

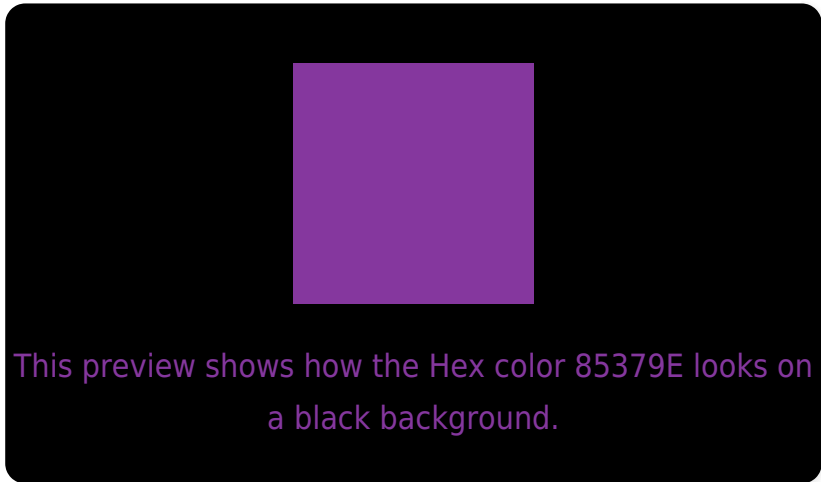
Large Text (above 18pt) WCAG AA ✓ Pass

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

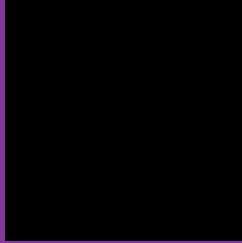
Any Text WCAG AA × Fail

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 85379E Background



This preview shows how black text looks on a background with the Hex color 85379E.

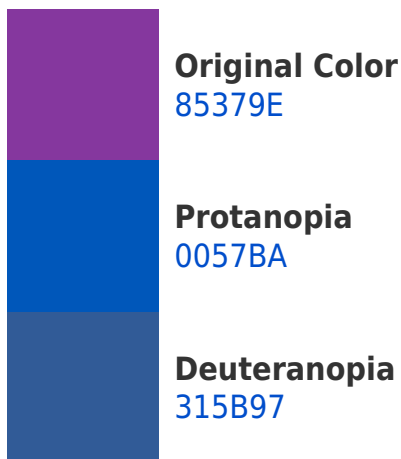



This preview shows how white text looks on a background with the Hex color 85379E.

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
7A4E54

Trichromacy



Original Color
85379E

Protanomaly
304BB0

Deuteranomaly
504E9A

Tritanomaly
7E466F

Monochromacy



Original Color
85379E

Achromatopsia
5A5A5A

Achromatomaly
6A4D73

CSS Examples

Text

The CSS property to change the color of the text to Hex 85379E 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 #85379E looks like.

```
.text, #text, p{  
    color:#85379E  
}
```

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 #85379E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85379E
}
```

Border

The CSS property to change the border of an element to Hex 85379E is called "border". The border property can be set on classes, ids or directly on the HTML element.

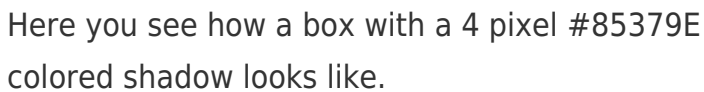
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#85379E }
```

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

```
.border{ border-color:#85379E }
```

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



Here you see how a box with a 4 pixel #85379E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85379E; -webkit-box-shadow:4px 4px  
4px 4px #85379E; box-shadow:4px 4px 4px  
4px #85379E }
```

Background

The CSS property to change the background color of an element to Hex 85379E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85379E }
```

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

```
.background{ background-color:#85379E }
```

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