

# Converting Colors

Hex(800385)

Have a look what the booklet for  
Hex(800385) contains.

<b>Hex(800385)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(800385)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	800385
RGB	128, 3, 133
RGB Percent	50%, 1%, 52%
CMY	0.4980, 0.9882, 0.4784
CMYK	0.04, 0.98, 0.00, 0.48
HSL	298°, 96%, 27%
HSV	298°, 98%, 52%
XYZ	13.1683, 6.3478, 22.7215
YIQ	55.1950, 32.7700, 66.9300

# Conversions

## Conversions Part 2

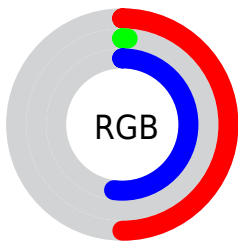
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 3, 133
Decimal	8389509
CIE <sub>Lab</sub>	30.27, 59.27, -38.85
CIE <sub>LCh</sub>	30, 70.864, 326.757
Yxy	6.3478, 0.3118, 0.1503
Android (android.graphics.Color)	4286579589 (0xFF800385)
YUV	55.1950, 38.3579, 63.8500
Hunter-Lab	25.1948, 49.2038, -35.8333

# Details

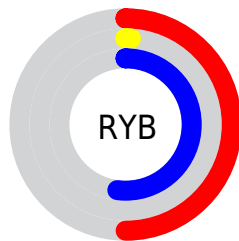
The Hex color **800385** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **088503**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **B84ABB**, and **4A0053** is the 20% darker color. If you saturate the color by 10%, you get **800085**, and if you desaturate by 10%, it is **811085**.

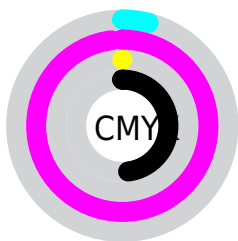
# Distribution



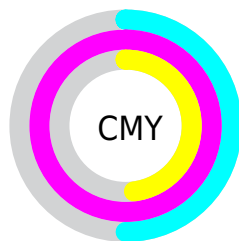
- Red (50%)
- Green (1%)
- Blue (52%)



- Red (50%)
- Yellow (1%)
- Blue (52%)



- Cyan (4%)
- Magenta (98%)
- Yellow (0%)
- Black (48%)



- Cyan (50%)
- Magenta (99%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 800385 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 800385 by changing the saturation by 10% instead.



800385

800385

FFFFFF

65006B

B84ABB

4A0053

D565D7

33003B

F381F3

110024

FF9DFF

00000C

FFB9FF

000000

FFD6FF

FFF3FF

800385

800385

800085

811085

811E85

822B85

823885

834685

835385

846085

846D85

857B85

# Harmonies

## Analogous

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



183BAC



800385



9F0050

# Triad

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



800385



5D4400



005D78

# Complementary

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



800385



088503

# 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.



005C40



800385



255200

# Square

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



800385



852600



005900



005BA5

# Rectangle

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



800385



A2002C



005900



005C66



# Sweetspot

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



800385



AB7BAD



030985



563857



D6D6D6



575757



# Same Dimension

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



800385



A700AD



85034A



423C42



7D0082



020003



# Inverse Universe

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



850308



AD0007



03853E



423C3C



820005



030000



# Previews

## White Background



This preview shows how the Hex color 800385 looks on a white background.

## Color Contrast Check

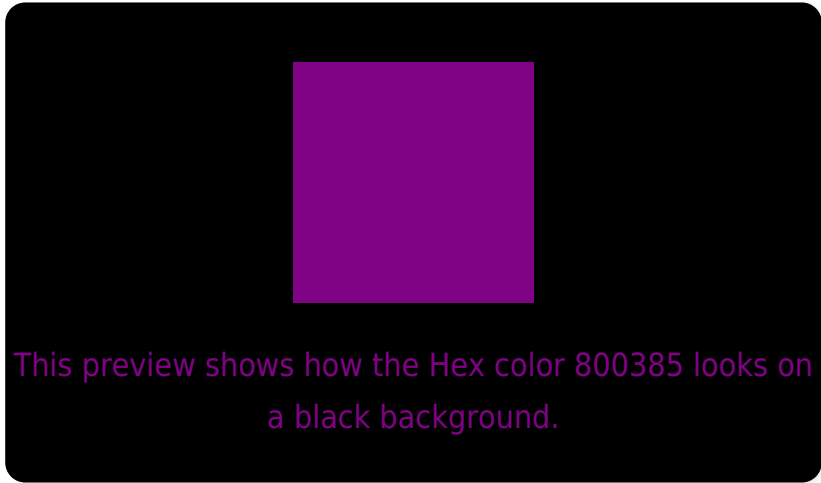
Large Text (above 18pt) WCAG AA ✓ Pass

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

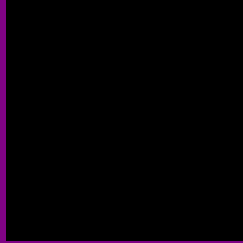
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 800385 Background



This preview shows how black text looks on a background with the Hex color 800385.




This preview shows how white text looks on a background with the Hex color 800385.

# 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**  
773438

# Trichromacy



**Original Color**  
800385



**Protanomaly**  
2F2F90



**Deuteranomaly**  
473180



**Tritanomaly**  
7A2254

# Monochromacy



**Original Color**  
800385



**Achromatopsia**  
373737



**Achromatomaly**  
522453

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 800385 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 #800385 looks like.

```
.text, #text, p{  
    color:#800385  
}
```

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 #800385 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #800385
}
```

## Border

The CSS property to change the border of an element to Hex 800385 is called "border". The border property can be set on classes, ids or directly on the HTML element.

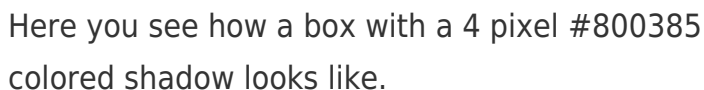
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#800385 }
```

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

```
.border{ border-color:#800385 }
```

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



Here you see how a box with a 4 pixel #800385 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #800385; -webkit-box-shadow:4px 4px  
4px 4px #800385; box-shadow:4px 4px 4px  
4px #800385 }
```

# Background

The CSS property to change the background color of an element to Hex 800385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#800385 }
```

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

```
.background{ background-color:#800385 }
```

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