

# Converting Colors

Hex(80375B)

Have a look what the booklet for  
Hex(80375B) contains.

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**Color**

**Hex(80375B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	80375B
RGB	128, 55, 91
RGB Percent	50%, 22%, 36%
CMY	0.4980, 0.7843, 0.6431
CMYK	0.00, 0.57, 0.29, 0.50
HSL	330°, 40%, 36%
HSV	330°, 57%, 50%
XYZ	12.1566, 8.0769, 10.8158
YIQ	80.9310, 31.9520, 26.6720

# Conversions

## Conversions Part 2

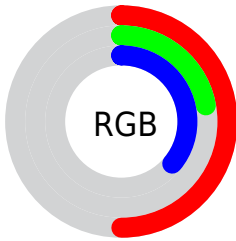
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 55, 91
Decimal	8402779
CIE Lab	34.14, 35.79, -6.17
CIE LCh	34, 36.316, 350.214
Yxy	8.0769, 0.3915, 0.2601
Android (android.graphics.Color)	4286592859 (0xFF80375B)
YUV	80.9310, 4.9640, 41.2795
Hunter-Lab	28.4199, 26.6185, -2.6702

# Details

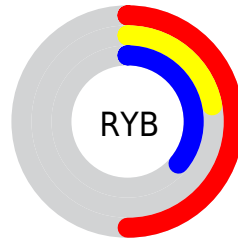
The Hex color **80375B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **37805C**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **B7698D**, and **4C022D** is the 20% darker color. If you saturate the color by 10%, you get **802A55**, and if you desaturate by 10%, it is **804461**.

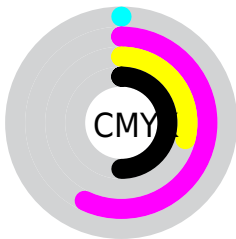
# Distribution



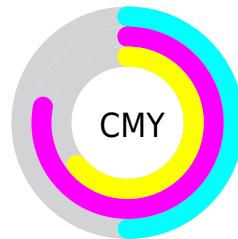
- Red (50%)
- Green (22%)
- Blue (36%)



- Red (50%)
- Yellow (22%)
- Blue (36%)



- Cyan (0%)
- Magenta (57%)
- Yellow (29%)
- Black (50%)



- Cyan (50%)
- Magenta (78%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80375B 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 80375B by changing the saturation by 10% instead.



 80375B

 80375B

FFFFFF

 661E44

 B7698D

 4C022D

 D383A7

 340019

 F09EC3

 170000

 FFB9DF

 000000

 FFD5FB

 FFF2FF

 80375B

 80375B

 802A55

 804461

■ 801D4E

■ 805168

■ 801148

■ 805D6E

■ 800441

■ 806A75

■ 80003F

■ 80777B

■ 808482

■ 809188

■ 809D8F

■ 80AA95

# Harmonies

## Analogous

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



6A4076



80375B



85373E

# Triad

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



80375B



4D5516



005C7C

# Complementary

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



80375B



37805C

# 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.



005E63



80375B



2A5B2A

# Square

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



80375B



684B14



005E46



005689

# Rectangle

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



80375B



803D2C



005E46



005D75



# Sweetspot

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



80375B



A68A97



5C3780



54434C



D4D4D4



545454



# Same Dimension

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



80375B



A6356D



803737



40393D



80003F



000000



# Inverse Universe

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



80375B



A6356D



378080



40393D



80003F

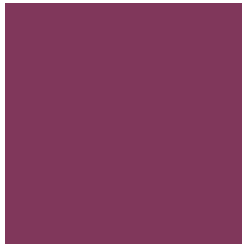


000000



# Previews

## White Background



This preview shows how the Hex color 80375B looks on a white background.

## Color Contrast Check

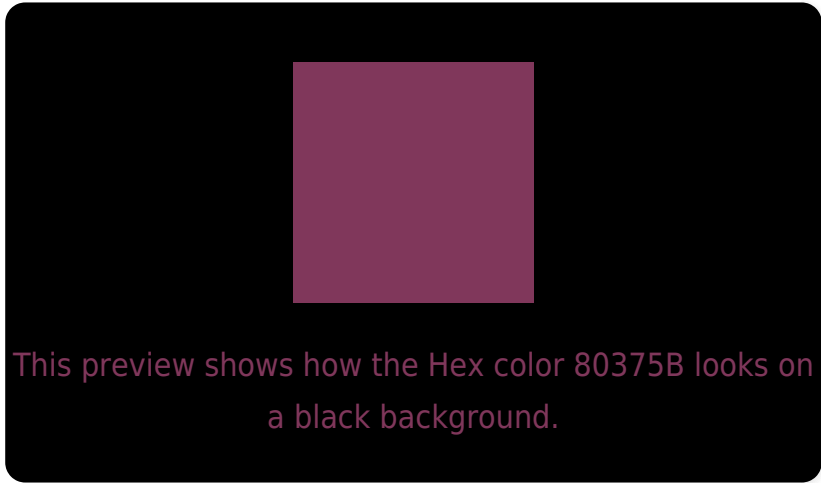
Large Text (above 18pt) WCAG AA ✓ Pass

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

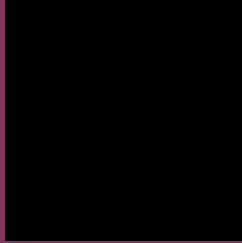
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 80375B Background



This preview shows how black text looks on a background with the Hex color 80375B.



This preview shows how white text looks on a background with the Hex color 80375B.

# 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



**Original Color**  
80375B

**Protanopia**  
49506C

**Deuteranopia**  
564F57



**Tritanopia**  
7E3D41

# Trichromacy



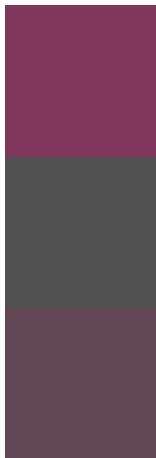
**Original Color**  
80375B

**Protanomaly**  
5D4766

**Deuteranomaly**  
654658

**Tritanomaly**  
7F3B4A

# Monochromacy



**Original Color**  
80375B

**Achromatopsia**  
515151

**Achromatomaly**  
624855

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80375B 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 #80375B looks like.

```
.text, #text, p{  
    color:#80375B  
}
```

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 #80375B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80375B
}
```

## Border

The CSS property to change the border of an element to Hex 80375B is called "border". The border property can be set on classes, ids or directly on the HTML element.

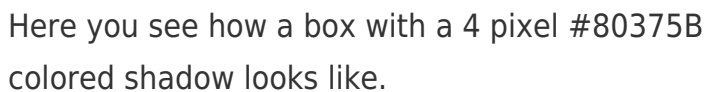
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80375B }
```

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

```
.border{ border-color:#80375B }
```

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



Here you see how a box with a 4 pixel #80375B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80375B; -webkit-box-shadow:4px 4px  
4px 4px #80375B; box-shadow:4px 4px 4px  
4px #80375B }
```

# Background

The CSS property to change the background color of an element to Hex 80375B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80375B }
```

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

```
.background{ background-color:#80375B }
```

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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