

# Converting Colors

Hex(80393C)

Have a look what the booklet for  
Hex(80393C) contains.

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**Color**

**Hex(80393C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	80393C
RGB	128, 57, 60
RGB Percent	50%, 22%, 24%
CMY	0.4980, 0.7765, 0.7647
CMYK	0.00, 0.55, 0.53, 0.50
HSL	357°, 38%, 36%
HSV	357°, 55%, 50%
XYZ	11.1808, 7.8417, 5.1993
YIQ	78.5710, 41.3530, 15.9850

# Conversions

## Conversions Part 2

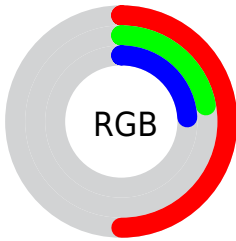
Format	Color
R <sub>YB</sub>	128, 57, 60
Decimal	8403260
CIE Lab	33.65, 30.98, 13.05
CIE LCh	34, 33.612, 22.839
Yxy	7.8417, 0.4616, 0.3237
Android (android.graphics.Color)	4286593340 (0xFF80393C)
YUV	78.5710, -9.1555, 43.3492
Hunter-Lab	28.0030, 22.2648, 8.5939

# Details

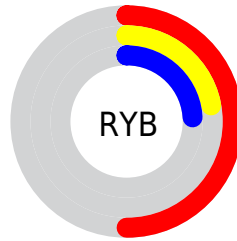
The Hex color **80393C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **39807D**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **B86A6B**, and **4A0712** is the 20% darker color. If you saturate the color by 10%, you get **802C30**, and if you desaturate by 10%, it is **804648**.

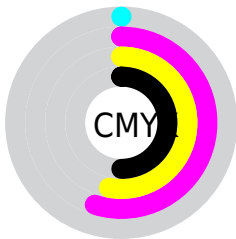
# Distribution



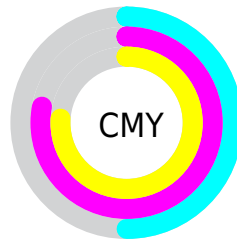
- Red (50%)
- Green (22%)
- Blue (24%)



- Red (50%)
- Yellow (22%)
- Blue (24%)



- Cyan (0%)
- Magenta (55%)
- Yellow (53%)
- Black (50%)



- Cyan (50%)
- Magenta (78%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80393C 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 80393C by changing the saturation by 10% instead.



 80393C

 80393C

FFFFFF

 652126

 B86A6B

 4A0712

 D58484

 320000

 F29F9F

 090000

 FFBAB9

 000000

 FFD6D5

 FFF3F1

 80393C

 80393C


 802C30

 804648

 801F23

 805355

 801317

 805F61


 80060B


 806C6D


 800005

 807979

 808686

 809392

 809F9E

 80ACAA

# Harmonies

## Analogous

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



7C3857



80393C



764125

# Triad

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



80393C



29592E



005484

# Complementary

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



80393C



39807D

# 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.



005A79



80393C



005C48

# Square

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



80393C



4A541B



005C63



464B80

# Rectangle

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



80393C



6B481B



005C63



005682



# Sweetspot

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



80393C



A68A8B



7C3980



544344



D4D4D4



545454



# Same Dimension

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



80393C



A6373B



805939



40393A



800005



000000



# Inverse Universe

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



80393C



A6373B



396080



40393A



800005

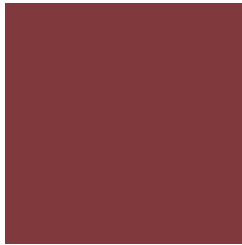


000000



# Previews

## White Background



This preview shows how the Hex color 80393C looks on a white background.

## Color Contrast Check

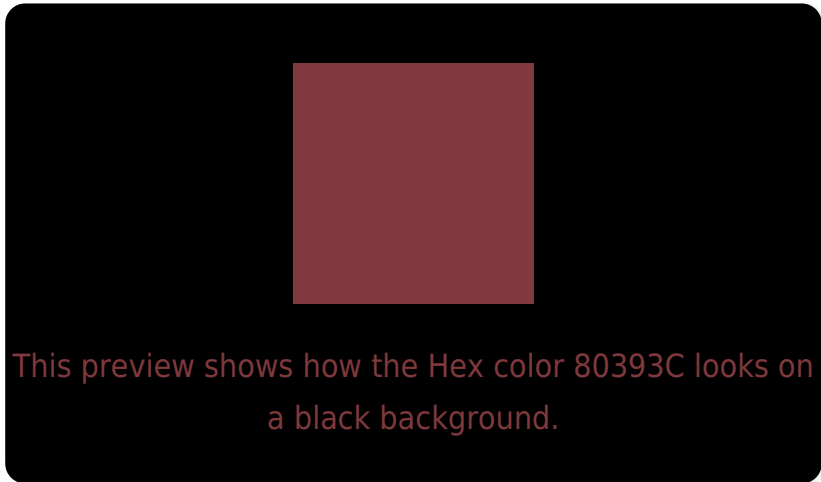
Large Text (above 18pt) WCAG AA ✓ Pass

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

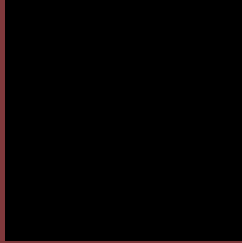
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 80393C Background



This preview shows how black text looks on a background with the Hex color 80393C.



This preview shows how white text looks on a background with the Hex color 80393C.

# 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**  
80393C

**Protanopia**  
535047

**Deuteranopia**  
5F4C39



**Tritanopia**  
80393D

# Trichromacy



**Original Color**  
80393C

**Protanomaly**  
634843

**Deuteranomaly**  
6B453A

**Tritanomaly**  
80393D

# Monochromacy



**Original Color**  
80393C

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
614748

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80393C 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 #80393C looks like.

```
.text, #text, p{  
    color:#80393C  
}
```

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 #80393C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80393C
}
```

## Border

The CSS property to change the border of an element to Hex 80393C is called "border". The border property can be set on classes, ids or directly on the HTML element.

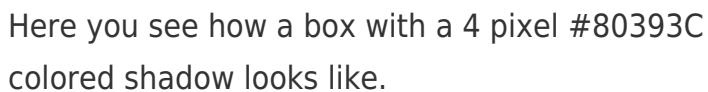
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80393C }
```

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

```
.border{ border-color:#80393C }
```

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



Here you see how a box with a 4 pixel #80393C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80393C; -webkit-box-shadow:4px 4px  
4px 4px #80393C; box-shadow:4px 4px 4px  
4px #80393C }
```

# Background

The CSS property to change the background color of an element to Hex 80393C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80393C }
```

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

```
.background{ background-color:#80393C }
```

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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