

# Converting Colors

Hex(80383E)

Have a look what the booklet for  
Hex(80383E) contains.

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**Color**

**Hex(80383E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80383E
RGB	128, 56, 62
RGB Percent	50%, 22%, 24%
CMY	0.4980, 0.7804, 0.7569
CMYK	0.00, 0.56, 0.52, 0.50
HSL	355°, 39%, 36%
HSV	355°, 56%, 50%
XYZ	11.1858, 7.7653, 5.4667
YIQ	78.2120, 40.9860, 17.1300

# Conversions

## Conversions Part 2

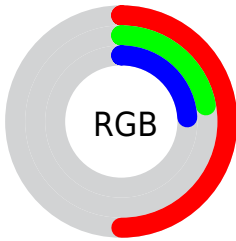
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 56, 62
Decimal	8403006
CIE <sub>Lab</sub>	33.49, 31.71, 11.54
CIE <sub>LCh</sub>	33, 33.746, 20.004
Yxy	7.7653, 0.4581, 0.3180
Android (android.graphics.Color)	4286593086 (0xFF80383E)
YUV	78.2120, -7.9925, 43.6641
Hunter-Lab	27.8664, 22.8851, 7.8751

# Details

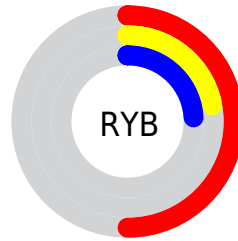
The Hex color **80383E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **38807A**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **B8696D**, and **4A0514** is the 20% darker color. If you saturate the color by 10%, you get **802B32**, and if you desaturate by 10%, it is **80454A**.

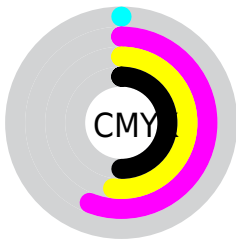
# Distribution



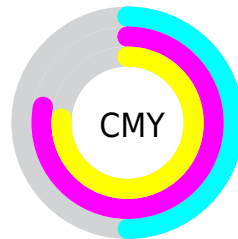
- Red (50%)
- Green (22%)
- Blue (24%)



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



- Cyan (0%)
- Magenta (56%)
- Yellow (52%)
- Black (50%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 80383E 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 80383E by changing the saturation by 10% instead.



 80383E

 80383E

FFFFFF

 652028

 B8696D

 4A0514

 D58387

 320000

 F29EA1

 0A0000

 FFB9BC

 000000

 FFD5D8

 FFF2F4

 80383E

 80383E

 802B32

 80454A

 801E27

 805255

 80121B

 805E61

 80050F

 806B6D

 80000B

 807879

 808584

 809290

 809E9C

 80ABA8

# Harmonies

## Analogous

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



7B3859



80383E



784027

# Triad

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



80383E



2C582B



005483

# Complementary

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



80383E



38807A

# 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.



005A77



80383E



005B45

# Square

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



80383E



4C5319



005C60



404B81

# Rectangle

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



80383E



6C471B



005C60



005781



# Sweetspot

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



80383E



A68A8C



7A3880



544345



D4D4D4



545454



# Same Dimension

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



80383E



A6353E



805638



40393A



80000B



000000



# Inverse Universe

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



80383E



A6353E



386280



40393A



80000B

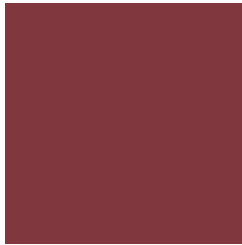


000000



# Previews

## White Background



This preview shows how the Hex color 80383E looks on a white background.

## Color Contrast Check

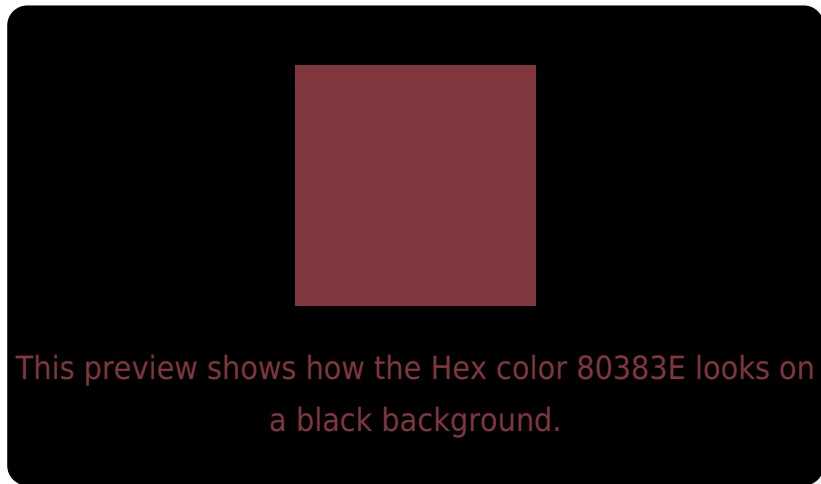
Large Text (above 18pt) WCAG AA ✓ Pass

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

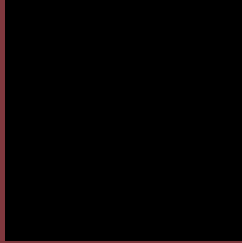
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 80383E Background



This preview shows how black text looks on a background with the Hex color 80383E.



This preview shows how white text looks on a background with the Hex color 80383E.

# 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**  
80383E

**Protanopia**  
524F49

**Deuteranopia**  
5E4C3B



**Tritanopia**  
80383C

# Trichromacy



**Original Color**  
80383E

**Protanomaly**  
634745

**Deuteranomaly**  
6A453C

**Tritanomaly**  
80383D

# Monochromacy



**Original Color**  
80383E

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
604648

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80383E 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 #80383E looks like.

```
.text, #text, p{  
    color:#80383E  
}
```

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 #80383E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80383E
}
```

## Border

The CSS property to change the border of an element to Hex 80383E is called "border". The border property can be set on classes, ids or directly on the HTML element.

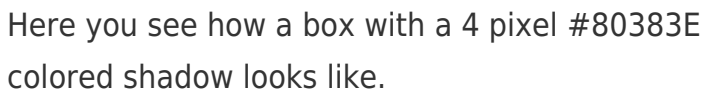
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80383E }
```

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

```
.border{ border-color:#80383E }
```

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



Here you see how a box with a 4 pixel #80383E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80383E; -webkit-box-shadow:4px 4px  
4px 4px #80383E; box-shadow:4px 4px 4px  
4px #80383E }
```

# Background

The CSS property to change the background color of an element to Hex 80383E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80383E }
```

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

```
.background{ background-color:#80383E }
```

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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