

Converting Colors

Hex(80173A)

Have a look what the booklet for
Hex(80173A) contains.

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Color

Hex(80173A)

Conversions

Conversions Part 1

Format	Color
Hex	80173A
RGB	128, 23, 58
RGB Percent	50%, 9%, 23%
CMY	0.4980, 0.9098, 0.7725
CMYK	0.00, 0.82, 0.55, 0.50
HSL	340°, 70%, 30%
HSV	340°, 82%, 50%
XYZ	9.9722, 5.5075, 4.5404
YIQ	58.3850, 51.3450, 33.1450

Conversions

Conversions Part 2

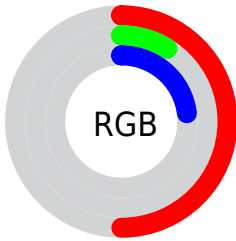
Format	Color
R_{YB}	128, 23, 58
Decimal	8394554
CIE _{Lab}	28.13, 45.59, 6.74
CIE _{LCh}	28, 46.085, 8.408
Yxy	5.5075, 0.4981, 0.2751
Android (android.graphics.Color)	4286584634 (0xFF80173A)
YUV	58.3850, -0.1898, 61.0524
Hunter-Lab	23.4680, 34.7806, 4.9566

Details

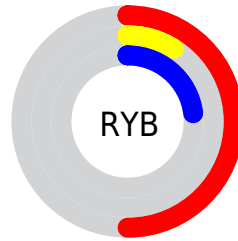
The Hex color **80173A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **17805D**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **B94F69**, and **49000F** is the 20% darker color. If you saturate the color by 10%, you get **800A31**, and if you desaturate by 10%, it is **802443**.

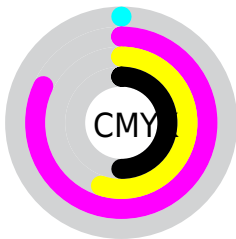
Distribution



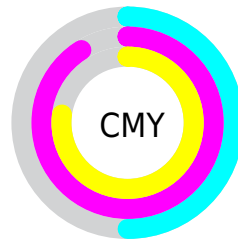
- Red (50%)
- Green (9%)
- Blue (23%)



- Red (50%)
- Yellow (9%)
- Blue (23%)



- Cyan (0%)
- Magenta (82%)
- Yellow (55%)
- Black (50%)



- Cyan (50%)
- Magenta (91%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80173A 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 80173A by changing the saturation by 10% instead.

 80173A

 80173A

FFFFFF

 640025

 B94F69

 49000F

 D76982

 300002

 F5849C

 000000

 FF9FB7

 FFBBD2

 FFD7EE

 FFF4FF

 80173A

 80173A

■ 800A31

■ 802443

■ 80002B

■ 80314B

■ 803D54

■ 804A5C

■ 805765

■ 80646D

■ 807176

■ 807D7E

■ 808A87

Harmonies

Analogous

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



73205D



80173A



7A2518

Triad

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



80173A



214C00



004D85

Complementary

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



80173A



17805D

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.



00516E



80173A



005027

Square

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



80173A



494400



00524C



004489

Rectangle

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



80173A



6E3100



00524C



004F7F

Sweetspot

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



80173A



A67C8A



5D1780



543B43



D4D4D4



545454

Same Dimension

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



80173A



A60339



802917



40393C



80002B



000000

Inverse Universe

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



80173A



A60339



176E80



40393C



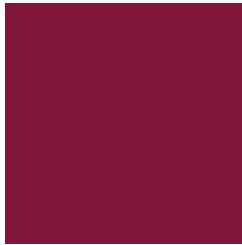
80002B



000000

Previews

White Background



This preview shows how the Hex color 80173A looks on a white background.

Color Contrast Check

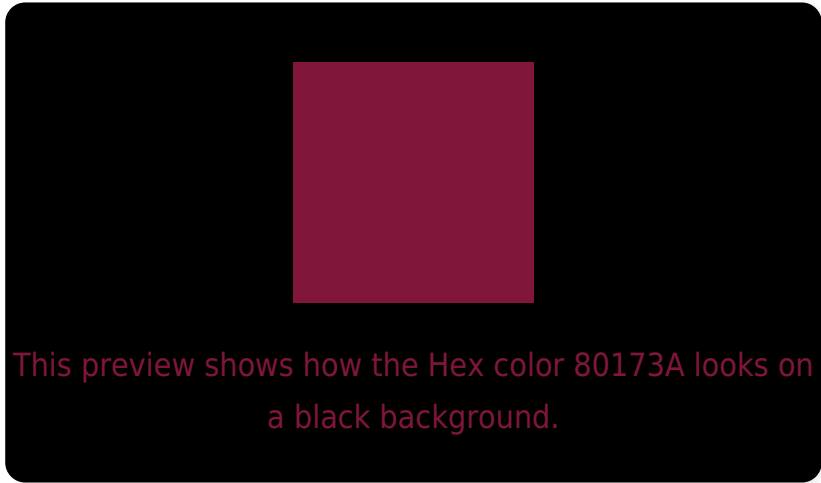
Large Text (above 18pt) WCAG AA ✓ Pass

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 80173A Background



This preview shows how black text looks on a background with the Hex color 80173A.



This preview shows how white text looks on a background with the Hex color 80173A.

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
80173A

Protanopia
424450

Deuteranopia
504135

Trichromacy



Original Color
80173A

Protanomaly
593448

Deuteranomaly
613237

Tritanomaly
7F1B29

Monochromacy



Original Color
80173A

Achromatopsia
3A3A3A

Achromatomaly
532D3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 80173A 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 #80173A looks like.

```
.text, #text, p{  
  color:#80173A  
}
```

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 #80173A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80173A
}
```

Border

The CSS property to change the border of an element to Hex 80173A is called "border". The border property can be set on classes, ids or directly on the HTML element.

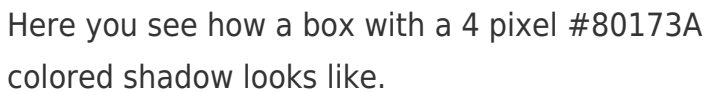
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80173A }
```

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

```
.border{ border-color:#80173A }
```

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



Here you see how a box with a 4 pixel #80173A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80173A; -webkit-box-shadow:4px 4px  
4px 4px #80173A; box-shadow:4px 4px 4px  
4px #80173A }
```

Background

The CSS property to change the background color of an element to Hex 80173A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80173A }
```

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

```
.background{ background-color:#80173A }
```

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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