

Converting Colors

Hex(7B173E)

Have a look what the booklet for
Hex(7B173E) contains.

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Color

Hex(7B173E)

Conversions

Conversions Part 1

Format	Color
Hex	7B173E
RGB	123, 23, 62
RGB Percent	48%, 9%, 24%
CMY	0.5176, 0.9098, 0.7569
CMYK	0.00, 0.81, 0.50, 0.52
HSL	337°, 68%, 29%
HSV	337°, 81%, 48%
XYZ	9.3443, 5.1715, 5.0631
YIQ	57.3460, 47.0810, 33.3290

Conversions

Conversions Part 2

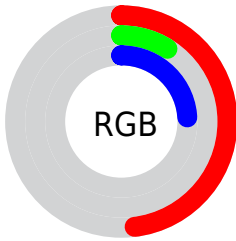
Format	Color
RYB	123, 23, 62
Decimal	8066878
CIELab	27.22, 44.48, 2.59
CIELCh	27, 44.557, 3.337
Yxy	5.1715, 0.4773, 0.2641
Android (android.graphics.Color)	4286256958 (0xFF7B173E)
YUV	57.3460, 2.2944, 57.5786
Hunter-Lab	22.7410, 33.5487, 2.7182

Details

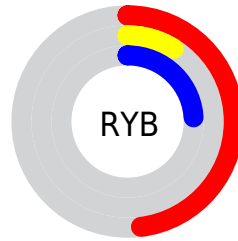
The Hex color **7B173E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **177B54**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **B44E6D**, and **450014** is the 20% darker color. If you saturate the color by 10%, you get **7B0B36**, and if you desaturate by 10%, it is **7B2346**.

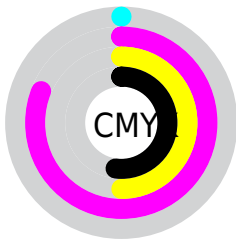
Distribution



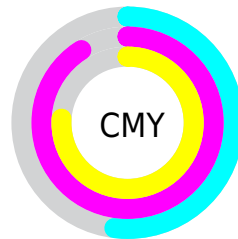
- Red (48%)
- Green (9%)
- Blue (24%)



- Red (48%)
- Yellow (9%)
- Blue (24%)



- Cyan (0%)
- Magenta (81%)
- Yellow (50%)
- Black (52%)



- Cyan (52%)
- Magenta (91%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B173E 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 7B173E by changing the saturation by 10% instead.

 7B173E

 7B173E

FFFFFF

 5F0028

 B44E6D

 450014

 D16887

 2C0001

 EE83A1

 000000

 FF9EBC

 FFBAD7

 FFD6F4

 FFF3FF

 7B173E

 7B173E

 7B0B36

 7B2346

 7B0030

 7B304D

 7B3C55

 7B485C

 7B5564

 7B616B

 7B6D73

 7B797A

 7B8682

Harmonies

Analogous

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



6B2360



7B173E



78211D

Triad

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



7B173E



284900



004C7D

Complementary

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



7B173E



177B54

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.



004F65



7B173E



004D20

Square

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



7B173E



4C4000



004F43



004385

Rectangle

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



7B173E



6D2D06



004F43



004D77

Sweetspot

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



7B173E



A17A89



53177B



523A43



D1D1D1



525252

Same Dimension

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



7B173E



A10341



7B2117



3D3739



7D0031



FC0062

Inverse Universe

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



7B173E



A10341



17717B



3D3739



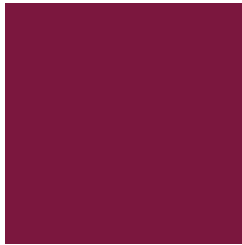
7D0031



FC0062

Previews

White Background



This preview shows how the Hex color 7B173E looks on a white background.

Color Contrast Check

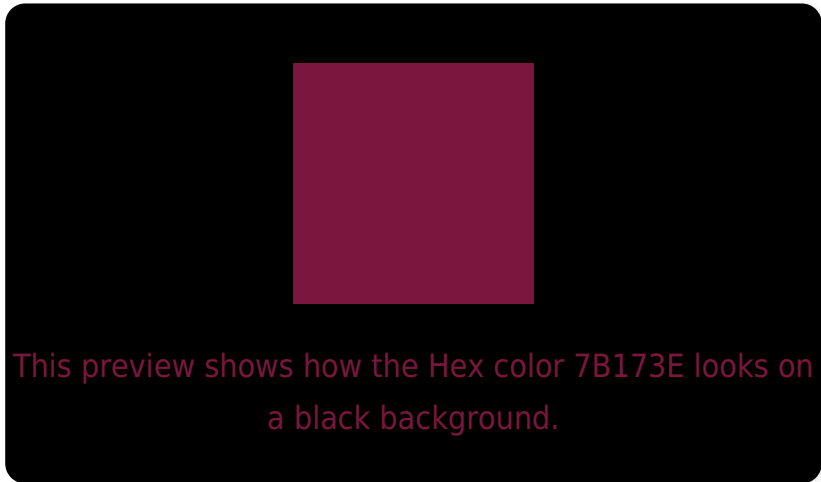
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B173E Background



This preview shows how black text looks on a background with the Hex color 7B173E.



This preview shows how white text looks on a background with the Hex color 7B173E.

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
7B173E

Protanopia
3D4155

Deuteranopia
4C4039

Trichromacy



Original Color
7B173E

Protanomaly
54324D

Deuteranomaly
5D313B

Tritanomaly
7A1D2C

Monochromacy



Original Color
7B173E

Achromatopsia
393939

Achromatomaly
512D3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B173E 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 #7B173E looks like.

```
.text, #text, p{  
    color:#7B173E  
}
```

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 #7B173E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B173E
}
```

Border

The CSS property to change the border of an element to Hex 7B173E is called "border". The border property can be set on classes, ids or directly on the HTML element.

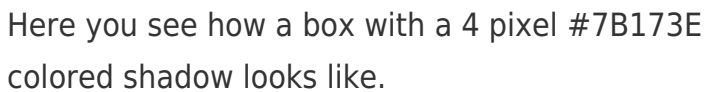
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B173E }
```

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

```
.border{ border-color:#7B173E }
```

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



Here you see how a box with a 4 pixel #7B173E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B173E; -webkit-box-shadow:4px 4px  
4px 4px #7B173E; box-shadow:4px 4px 4px  
4px #7B173E }
```

Background

The CSS property to change the background color of an element to Hex 7B173E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B173E }
```

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

```
.background{ background-color:#7B173E }
```

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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