

Converting Colors

Hex(7F173A)

Have a look what the booklet for
Hex(7F173A) contains.

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Color

Hex(7F173A)

Conversions

Conversions Part 1

Format	Color
Hex	7F173A
RGB	127, 23, 58
RGB Percent	50%, 9%, 23%
CMY	0.5020, 0.9098, 0.7725
CMYK	0.00, 0.82, 0.54, 0.50
HSL	340°, 69%, 29%
HSV	340°, 82%, 50%
XYZ	9.8225, 5.4303, 4.5334
YIQ	58.0860, 50.7490, 32.9330

Conversions

Conversions Part 2

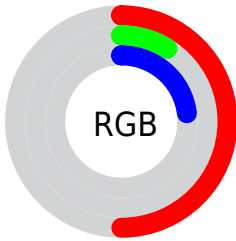
Format	Color
R_{YB}	127, 23, 58
Decimal	8329018
CIE Lab	27.93, 45.30, 6.42
CIE LCh	28, 45.749, 8.064
Yxy	5.4303, 0.4964, 0.2744
Android (android.graphics.Color)	4286519098 (0xFF7F173A)
YUV	58.0860, -0.0424, 60.4376
Hunter-Lab	23.3030, 34.4597, 4.7777

Details

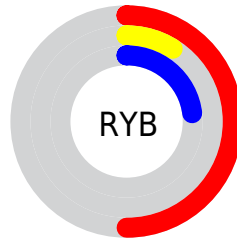
The Hex color **7F173A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **177F5C**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **B84E69**, and **48000F** is the 20% darker color. If you saturate the color by 10%, you get **7F0A32**, and if you desaturate by 10%, it is **7F2442**.

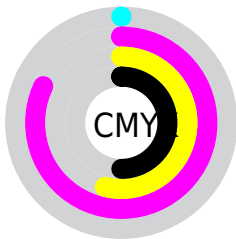
Distribution



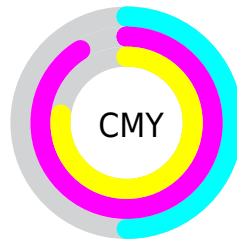
- Red (50%)
- Green (9%)
- Blue (23%)



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



- Cyan (0%)
- Magenta (82%)
- Yellow (54%)
- Black (50%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 7F173A 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 7F173A by changing the saturation by 10% instead.

 7F173A

 7F173A

FFFFFF

 630025

 B84E69

 48000F

 D66982

 2F0002

 F3839C

 000000

 FF9FB7

 FFBAD2

 FFD7EE

 FFF4FF

 7F173A

 7F173A

 7F0A32

 7F2442

 7F002B

 7F304B

 7F3D53

 7F4A5C

 7F5764

 7F636D

 7F7075

 7F7D7D

 7F8986

Harmonies

Analogous

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



72205D



7F173A



792518

Triad

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



7F173A



214C00



004D83

Complementary

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



7F173A



177F5C

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.



00516D



7F173A



005026

Square

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



7F173A



494300



00514B



004388

Rectangle

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



7F173A



6D3100



00514B



004E7E

Sweetspot

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



7F173A



A67C8A



5B177F



543B43



D4D4D4



545454

Same Dimension

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



7F173A



A6033A



7F2717



40393C



80002B



000000

Inverse Universe

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



7F173A



A6033A



176F7F



40393C



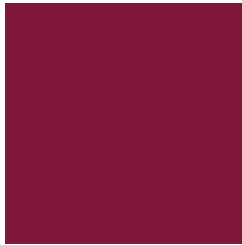
80002B



000000

Previews

White Background



This preview shows how the Hex color 7F173A looks on a white background.

Color Contrast Check

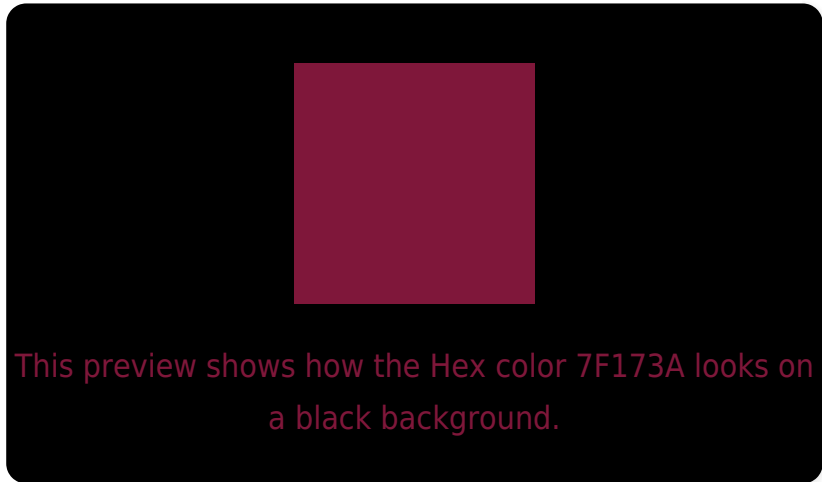
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F173A Background



This preview shows how black text looks on a background with the Hex color 7F173A.

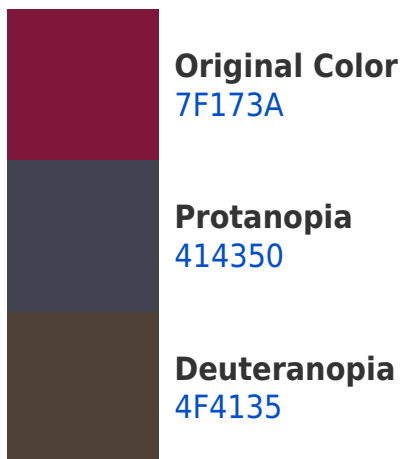


This preview shows how white text looks on a background with the Hex color 7F173A.

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



Trichromacy



Original Color
7F173A

Protanomaly
583348

Deuteranomaly
603237

Tritanomaly
7E1B29

Monochromacy



Original Color
7F173A

Achromatopsia
3A3A3A

Achromatomaly
532D3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F173A 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 #7F173A looks like.

```
.text, #text, p{  
    color:#7F173A  
}
```

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 #7F173A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F173A
}
```

Border

The CSS property to change the border of an element to Hex 7F173A is called "border". The border property can be set on classes, ids or directly on the HTML element.

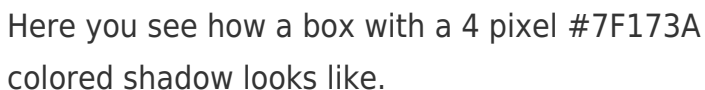
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F173A }
```

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

```
.border{ border-color:#7F173A }
```

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



Here you see how a box with a 4 pixel #7F173A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F173A; -webkit-box-shadow:4px 4px  
4px 4px #7F173A; box-shadow:4px 4px 4px  
4px #7F173A }
```

Background

The CSS property to change the background color of an element to Hex 7F173A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F173A }
```

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

```
.background{ background-color:#7F173A }
```

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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