

Converting Colors

Hex(7B1E3A)

Have a look what the booklet for
Hex(7B1E3A) contains.

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Color

Hex(7B1E3A)

Conversions

Conversions Part 1

Format	Color
Hex	7B1E3A
RGB	123, 30, 58
RGB Percent	48%, 12%, 23%
CMY	0.5176, 0.8824, 0.7725
CMYK	0.00, 0.76, 0.53, 0.52
HSL	342°, 61%, 30%
HSV	342°, 76%, 48%
XYZ	9.3964, 5.4450, 4.5587
YIQ	60.9990, 46.4400, 28.4240

Conversions

Conversions Part 2

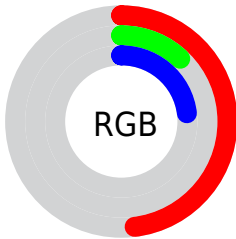
Format	Color
R_{YB}	123, 30, 58
Decimal	8068666
CIE _{Lab}	27.97, 41.68, 6.36
CIE _{LCh}	28, 42.165, 8.671
Yxy	5.4450, 0.4843, 0.2807
Android (android.graphics.Color)	4286258746 (0xFF7B1E3A)
YUV	60.9990, -1.4785, 54.3749
Hunter-Lab	23.3345, 31.0433, 4.7510

Details

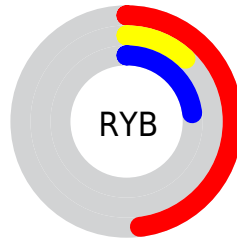
The Hex color **7B1E3A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1E7B5F**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **B45269**, and **45000F** is the 20% darker color. If you saturate the color by 10%, you get **7B1231**, and if you desaturate by 10%, it is **7B2A43**.

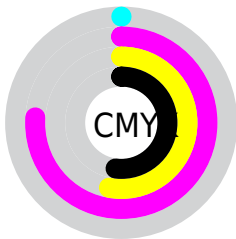
Distribution



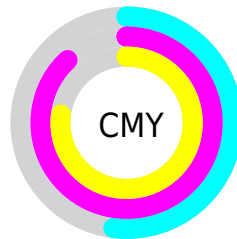
- Red (48%)
- Green (12%)
- Blue (23%)



- Red (48%)
- Yellow (12%)
- Blue (23%)



- Cyan (0%)
- Magenta (76%)
- Yellow (53%)
- Black (52%)



- Cyan (52%)
- Magenta (88%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B1E3A 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 7B1E3A by changing the saturation by 10% instead.

 7B1E3A

 7B1E3A

FFFFFF

 600025

 B45269

 45000F

 D16C82

 2D0001

 EE879C

 000000

 FFA2B7

 FFBED2

 FFDAEF

 FFF7FF

 7B1E3A

 7B1E3A

 7B1231

 7B2A43

 7B0529

 7B374B

 7B0025

 7B4354

 7B4F5C

 7B5B65

 7B686E

 7B7476

 7B807F

 7B8D87

Harmonies

Analogous

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



6F255A



7B1E3A



75291B

Triad

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



7B1E3A



244B07



004C7E

Complementary

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



7B1E3A



1E7B5F

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.



00506A



7B1E3A



004F29

Square

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



7B1E3A



484400



00514B



004383

Rectangle

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



7B1E3A



6A3306



00514B



004E79

Sweetspot

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



7B1E3A



A17C87



5E1E7B



523B42



D1D1D1



525252

Same Dimension

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



7B1E3A



A10E3A



7B2F1E



3D3739



7D0026



FC004C

Inverse Universe

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



7B1E3A



A10E3A



1E6A7B



3D3739



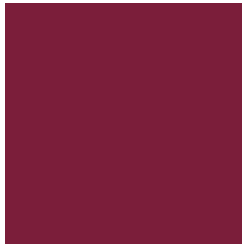
7D0026



FC004C

Previews

White Background



This preview shows how the Hex color 7B1E3A looks on a white background.

Color Contrast Check

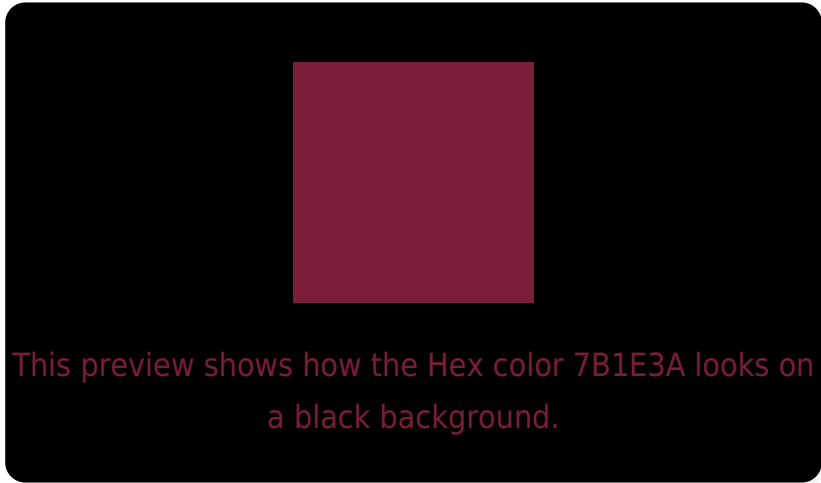
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B1E3A Background



This preview shows how black text looks on a background with the Hex color 7B1E3A.



This preview shows how white text looks on a background with the Hex color 7B1E3A.

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
7B1E3A

Protanopia
42434D

Deuteranopia
4F4136

Trichromacy



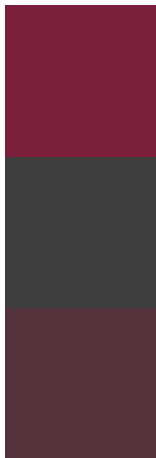
Original Color
7B1E3A

Protanomaly
573646

Deuteranomaly
5F3437

Tritanomaly
7A212D

Monochromacy



Original Color
7B1E3A

Achromatopsia
3D3D3D

Achromatomaly
54323C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B1E3A 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 #7B1E3A looks like.

```
.text, #text, p{  
    color:#7B1E3A  
}
```

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 #7B1E3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B1E3A
}
```

Border

The CSS property to change the border of an element to Hex 7B1E3A 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
#7B1E3A }
```

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

```
.border{ border-color:#7B1E3A }
```

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

Here you see how a box with a 4 pixel #7B1E3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B1E3A; -webkit-box-shadow:4px 4px  
4px 4px #7B1E3A; box-shadow:4px 4px 4px  
4px #7B1E3A }
```

Background

The CSS property to change the background color of an element to Hex 7B1E3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B1E3A }
```

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

```
.background{ background-color:#7B1E3A }
```

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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