

Converting Colors

Hex(7B1735)

Have a look what the booklet for
Hex(7B1735) contains.

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Color

Hex(7B1735)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7B1735 |
| RGB | 123, 23, 53 |
| RGB Percent | 48%, 9%, 21% |
| CMY | 0.5176, 0.9098, 0.7922 |
| CMYK | 0.00, 0.81, 0.57, 0.52 |
| HSL | 342°, 68%, 29% |
| HSV | 342°, 81%, 48% |
| XYZ | 9.1174, 5.0808, 3.8683 |
| YIQ | 56.3200, 49.9700, 30.5300 |

Conversions

Conversions Part 2

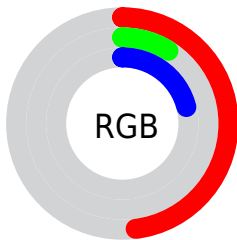
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 123, 23, 53 |
| Decimal | 8066869 |
| CIE _{Lab} | 26.96, 43.69, 8.33 |
| CIE _{LCh} | 27, 44.481, 10.790 |
| Yxy | 5.0808, 0.5047, 0.2812 |
| Android (android.graphics.Color) | 4286256949 (0xFF7B1735) |
| YUV | 56.3200, -1.6368, 58.4784 |
| Hunter-Lab | 22.5406, 32.7549, 5.6034 |

Details

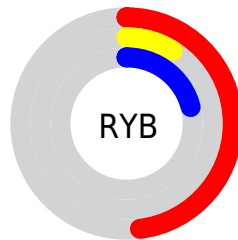
The Hex color **7B1735** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **177B5D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **B44D63**, and **440008** is the 20% darker color. If you saturate the color by 10%, you get **7B0B2C**, and if you desaturate by 10%, it is **7B233E**.

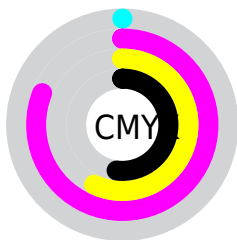
Distribution



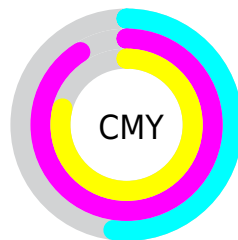
- Red (48%)
- Green (9%)
- Blue (21%)



- Red (48%)
- Yellow (9%)
- Blue (21%)



- Cyan (0%)
- Magenta (81%)
- Yellow (57%)
- Black (52%)



- Cyan (52%)
- Magenta (91%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B1735 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 7B1735 by changing the saturation by 10% instead.

 7B1735

 7B1735

FFFFFF

 5F0020

 B44D63

 440008

 D1687C

 2B0001

 EF8296

 000000

 FF9DB1

 FFB9CC

 FFD5E8

 FFF2FF

 7B1735

 7B1735

 7B0B2C

 7B233E

 7B0025

 7B3046

 7B3C4F

 7B4857

 7B5560

 7B6169

 7B6D71

 7B797A

 7B8682

Harmonies

Analogous

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



701E57



7B1735



742514

Triad

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



7B1735



1B4A02



004A80

Complementary

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



7B1735



177B5D

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.



004E6C



7B1735



004D28

Square

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



7B1735



444200



004F4C



004083

Rectangle

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



7B1735



683100



004F4C



004B7B

Sweetspot

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



7B1735



A17A86



5D177B



523A41



D1D1D1



525252

Same Dimension

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



7B1735



A10332



7B2B17



3D3739



7D0025



FC004C

Inverse Universe

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



7B1735



A10332



17677B



3D3739



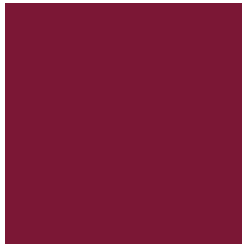
7D0025



FC004C

Previews

White Background



This preview shows how the Hex color 7B1735 looks on a white background.

Color Contrast Check

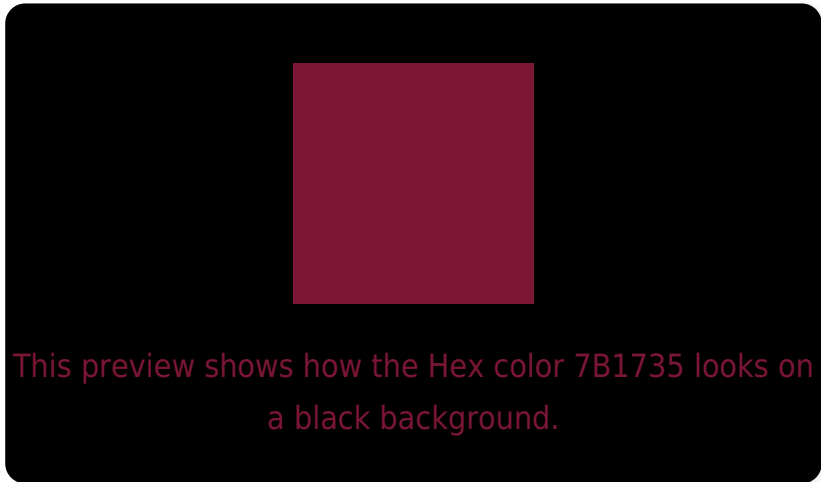
Large Text (above 18pt) WCAG AA ✓ Pass

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

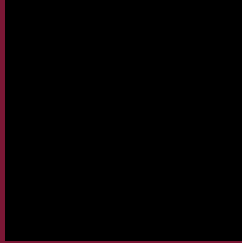
Any Text WCAG AA × Fail

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 7B1735 Background



This preview shows how black text looks on a background with the Hex color 7B1735.

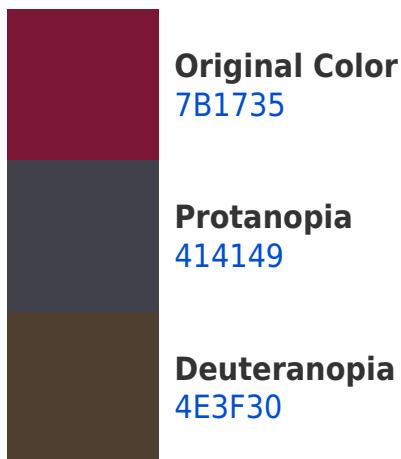


This preview shows how white text looks on a background with the Hex color 7B1735.

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



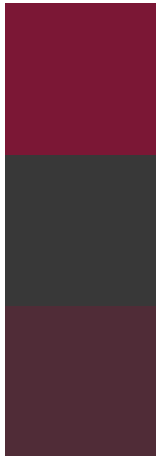
Original Color
7B1735

Protanomaly
563242

Deuteranomaly
5E3032

Tritanomaly
7A1B26

Monochromacy



Original Color
7B1735

Achromatopsia
383838

Achromatomaly
502C37

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B1735 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 #7B1735 looks like.

```
.text, #text, p{  
    color:#7B1735  
}
```

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 #7B1735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B1735
}
```

Border

The CSS property to change the border of an element to Hex 7B1735 is called "border". The border property can be set on classes, ids or directly on the HTML element.

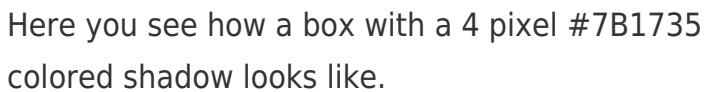
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B1735 }
```

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

```
.border{ border-color:#7B1735 }
```

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



Here you see how a box with a 4 pixel #7B1735 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B1735; -webkit-box-shadow:4px 4px  
4px 4px #7B1735; box-shadow:4px 4px 4px  
4px #7B1735 }
```

Background

The CSS property to change the background color of an element to Hex 7B1735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B1735 }
```

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

```
.background{ background-color:#7B1735 }
```

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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