

Converting Colors

Hex(7B1444)

Have a look what the booklet for
Hex(7B1444) contains.

Hex(7B1444)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7B1444)

Conversions

Conversions Part 1

Format	Color
Hex	7B1444
RGB	123, 20, 68
RGB Percent	48%, 8%, 27%
CMY	0.5176, 0.9216, 0.7333
CMYK	0.00, 0.84, 0.45, 0.52
HSL	332°, 72%, 28%
HSV	332°, 84%, 48%
XYZ	9.4619, 5.1286, 5.9601
YIQ	56.2690, 45.9800, 36.7640

Conversions

Conversions Part 2

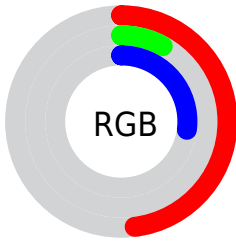
Format	Color
RYB	123, 20, 68
Decimal	8066116
CIELab	27.10, 45.96, -1.63
CIElCh	27, 45.992, 357.968
Yxy	5.1286, 0.4604, 0.2496
Android (android.graphics.Color)	4286256196 (0xFF7B1444)
YUV	56.2690, 5.7834, 58.5231
Hunter-Lab	22.6465, 34.9478, 0.2487

Details

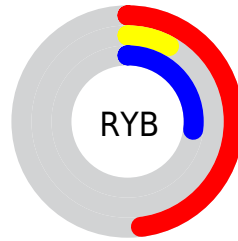
The Hex color **7B1444** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **147B4B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **B34C74**, and **450019** is the 20% darker color. If you saturate the color by 10%, you get **7B083D**, and if you desaturate by 10%, it is **7B204B**.

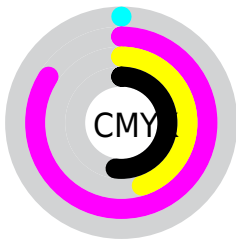
Distribution



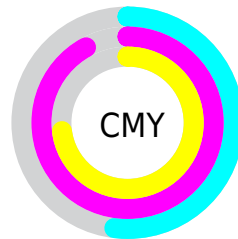
- Red (48%)
- Green (8%)
- Blue (27%)



- Red (48%)
- Yellow (8%)
- Blue (27%)



- Cyan (0%)
- Magenta (84%)
- Yellow (45%)
- Black (52%)



- Cyan (52%)
- Magenta (92%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B1444 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 7B1444 by changing the saturation by 10% instead.

 7B1444

 7B1444

FFFFFF

 60002E

 B34C74

 450019

 D0678D

 2D0001

 EE81A8

 000000

 FF9CC3

 FFB8DF

 FFD5FB

 FFF2FF

 7B1444

 7B1444

■ 7B083D

■ 7B204B

■ 7B0039

■ 7B2D51

■ 7B3958

■ 7B455E

■ 7B5265

■ 7B5E6B

■ 7B6A72

■ 7B7679

■ 7B837F

Harmonies

Analogous

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



672466



7B1444



7B1C21

Triad

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



7B1444



2F4700



004D7C

Complementary

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



7B1444



147B4B

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.



004F60



7B1444



004D17

Square

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



7B1444



513E00



004F3C



004587

Rectangle

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



7B1444



72290A



004F3C



004E74

Sweetspot

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



7B1444



A1788B



4B147B



523945



D1D1D1



525252

Same Dimension

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



7B1444



A1004B



7B1714



3D373A



7D003A



FC0076

Inverse Universe

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



7B1444



A1004B



14787B



3D373A



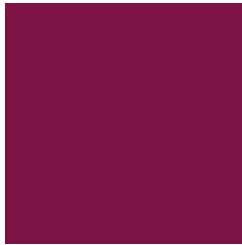
7D003A



FC0076

Previews

White Background



This preview shows how the Hex color 7B1444 looks on a white background.

Color Contrast Check

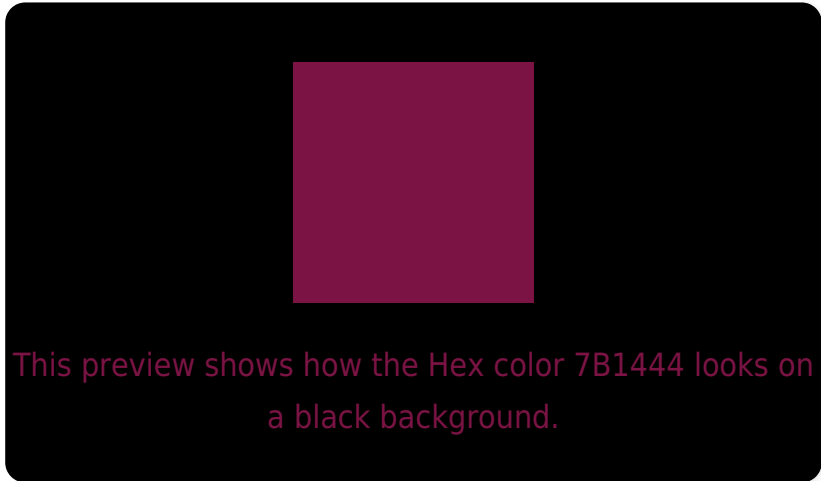
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B1444 Background



This preview shows how black text looks on a background with the Hex color 7B1444.

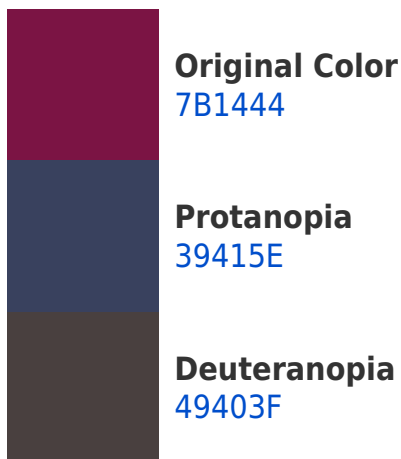


This preview shows how white text looks on a background with the Hex color 7B1444.

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
7B1444

Protanomaly
513155

Deuteranomaly
5B3041

Tritanomaly
7A1C2E

Monochromacy



Original Color
7B1444

Achromatopsia
383838

Achromatomaly
502B3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B1444 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 #7B1444 looks like.

```
.text, #text, p{  
    color:#7B1444  
}
```

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 #7B1444 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B1444
}
```

Border

The CSS property to change the border of an element to Hex 7B1444 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
#7B1444 }
```

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

```
.border{ border-color:#7B1444 }
```

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

Here you see how a box with a 4 pixel #7B1444 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B1444; -webkit-box-shadow:4px 4px  
4px 4px #7B1444; box-shadow:4px 4px 4px  
4px #7B1444 }
```

Background

The CSS property to change the background color of an element to Hex 7B1444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B1444 }
```

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

```
.background{ background-color:#7B1444 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor