

Converting Colors

Hex(7A1844)

Have a look what the booklet for
Hex(7A1844) contains.

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Color

Hex(7A1844)

Conversions

Conversions Part 1

Format	Color
Hex	7A1844
RGB	122, 24, 68
RGB Percent	48%, 9%, 27%
CMY	0.5216, 0.9059, 0.7333
CMYK	0.00, 0.80, 0.44, 0.52
HSL	333°, 67%, 29%
HSV	333°, 80%, 48%
XYZ	9.3961, 5.2082, 5.9789
YIQ	58.3180, 44.2840, 34.4600

Conversions

Conversions Part 2

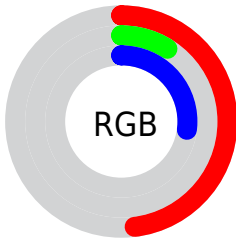
Format	Color
R_{YB}	122, 24, 68
Decimal	8001604
CIE Lab	27.32, 44.47, -1.33
CIE LCh	27, 44.488, 358.289
Yxy	5.2082, 0.4565, 0.2530
Android (android.graphics.Color)	4286191684 (0xFF7A1844)
YUV	58.3180, 4.7732, 55.8491
Hunter-Lab	22.8215, 33.5545, 0.4419

Details

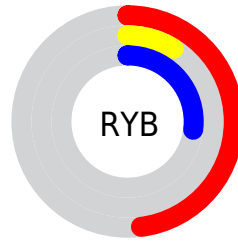
The Hex color **7A1844** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **187A4E**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **B24E74**, and **440019** is the 20% darker color. If you saturate the color by 10%, you get **7A0C3D**, and if you desaturate by 10%, it is **7A244B**.

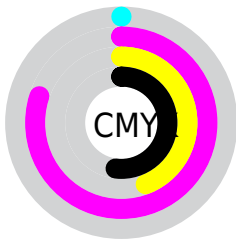
Distribution



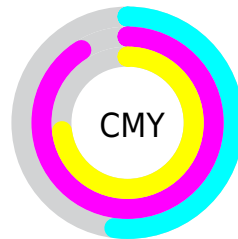
- Red (48%)
- Green (9%)
- Blue (27%)



- Red (48%)
- Yellow (9%)
- Blue (27%)



- Cyan (0%)
- Magenta (80%)
- Yellow (44%)
- Black (52%)



- Cyan (52%)
- Magenta (91%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A1844 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 7A1844 by changing the saturation by 10% instead.

 7A1844

 7A1844

FFFFFF

 5F002E

 B24E74

 440019

 CF698D

 2D0001

 ED83A8

 000000

 FF9EC3

 FFBADF

 FFD7FB

 FFF4FF

 7A1844

 7A1844

■ 7A0C3D

■ 7A244B

■ 7A0037

■ 7A3051

■ 7A3D58

■ 7A495F

■ 7A5566

■ 7A616C

■ 7A6D73

■ 7A7A7A

■ 7A8681

Harmonies

Analogous

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



672665



7A1844



7A1F23

Triad

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



7A1844



304800



004D7A

Complementary

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



7A1844



187A4E

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



7A1844



004D1A

Square

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



7A1844



513E00



004F3D



004585

Rectangle

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



7A1844



712A0D



004F3D



004E73

Sweetspot

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



7A1844



9E7889



4E187A



4F3842



CFCFCF



4F4F4F

Same Dimension

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



7A1844



9E064A



7A1D18



3D373A



7D0038



FC0071

Inverse Universe

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



7A1844



9E064A



18757A



3D373A



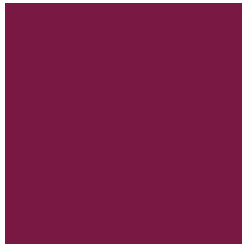
7D0038



FC0071

Previews

White Background



This preview shows how the Hex color 7A1844 looks on a white background.

Color Contrast Check

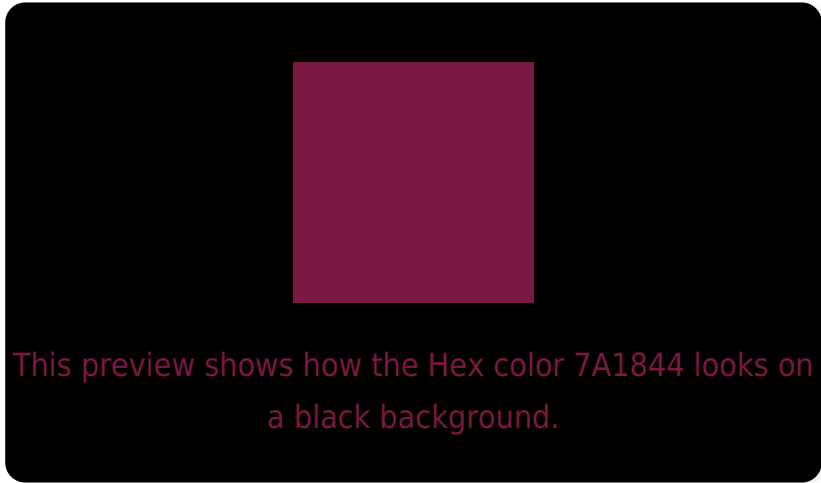
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A1844 Background



This preview shows how black text looks on a background with the Hex color 7A1844.

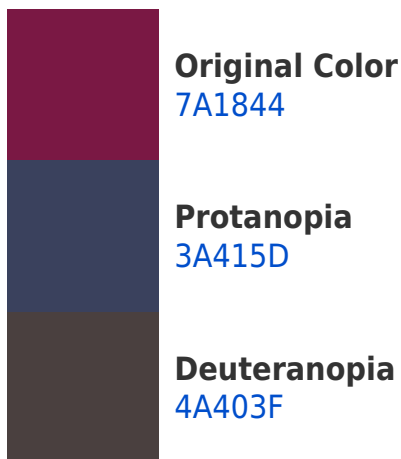


This preview shows how white text looks on a background with the Hex color 7A1844.

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
7A1844

Protanomaly
513254

Deuteranomaly
5B3141

Tritanomaly
791E2F

Monochromacy



Original Color
7A1844

Achromatopsia
3A3A3A

Achromatomaly
512E3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A1844 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 #7A1844 looks like.

```
.text, #text, p{  
    color:#7A1844  
}
```

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 #7A1844 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A1844
}
```

Border

The CSS property to change the border of an element to Hex 7A1844 is called "border". The border property can be set on classes, ids or directly on the HTML element.

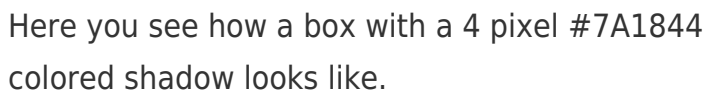
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A1844 }
```

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

```
.border{ border-color:#7A1844 }
```

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



Here you see how a box with a 4 pixel #7A1844 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A1844; -webkit-box-shadow:4px 4px  
4px 4px #7A1844; box-shadow:4px 4px 4px  
4px #7A1844 }
```

Background

The CSS property to change the background color of an element to Hex 7A1844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A1844 }
```

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

```
.background{ background-color:#7A1844 }
```

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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