

Converting Colors

Hex(7B1A76)

Have a look what the booklet for
Hex(7B1A76) contains.

Hex(7B1A76)	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(7B1A76)

Conversions

Conversions Part 1

Format	Color
Hex	7B1A76
RGB	123, 26, 118
RGB Percent	48%, 10%, 46%
CMY	0.5176, 0.8980, 0.5373
CMYK	0.00, 0.79, 0.04, 0.52
HSL	303°, 65%, 29%
HSV	303°, 79%, 48%
XYZ	11.8078, 6.2577, 17.7251
YIQ	65.4910, 28.2800, 49.1760

Conversions

Conversions Part 2

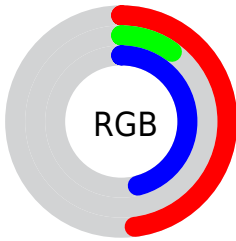
Format	Color
R_{YB}	123, 26, 118
Decimal	8067702
CIE _{Lab}	30.05, 50.98, -29.80
CIE _{LCh}	30, 59.051, 329.690
Yxy	6.2577, 0.3299, 0.1748
Android (android.graphics.Color)	4286257782 (0xFF7B1A76)
YUV	65.4910, 25.8869, 50.4354
Hunter-Lab	25.0155, 40.4783, -24.4999

Details

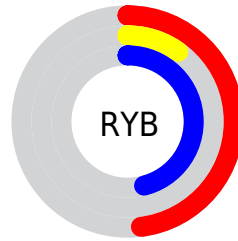
The Hex color **7B1A76** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1A7B1F**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **B252AB**, and **460045** is the 20% darker color. If you saturate the color by 10%, you get **7B0E75**, and if you desaturate by 10%, it is **7B2677**.

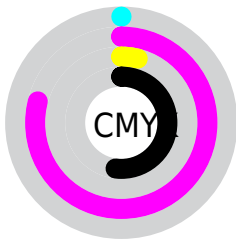
Distribution



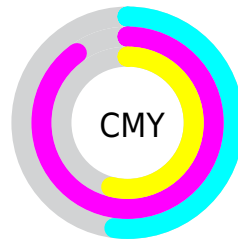
- Red (48%)
- Green (10%)
- Blue (46%)



- Red (48%)
- Yellow (10%)
- Blue (46%)



- Cyan (0%)
- Magenta (79%)
- Yellow (4%)
- Black (52%)



- Cyan (52%)
- Magenta (90%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B1A76 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 7B1A76 by changing the saturation by 10% instead.

 7B1A76

 7B1A76

FFFFFF

 60005D

 B252AB

 460045

 CF6DC6

 30002F

 EC88E2

 070019

 FFA3FF

 000000

 FFBFFF

 FFDCCF

 FFF9FF

 7B1A76

 7B1A76

■ 7B0E75

■ 7B2677

■ 7B0175

■ 7B3377

■ 7B0075

■ 7B3F78

■ 7B4B79

■ 7B5879

■ 7B647A

■ 7B707A

■ 7B7C7B

■ 7B897C

Harmonies

Analogous

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



3B3A98



7B1A76



930049

Triad

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



7B1A76



584500



005A74

Complementary

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



7B1A76



1A7B1F

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.



005945



7B1A76



2A5100

Square

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



7B1A76



7B3000



005712



005797

Rectangle

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



7B1A76



93002B



005712



005A65

Sweetspot

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



7B1A76



A17A9F



1F1A7B



523A50



D1D1D1



525252

Same Dimension

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



7B1A76



A10899



7B1A46



3D373D



7D0077



FC00EF

Inverse Universe

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



7B1A76



A10899



1A7B4F



3D373D



7D0077



FC00EF

Previews

White Background



This preview shows how the Hex color 7B1A76 looks on a white background.

Color Contrast Check

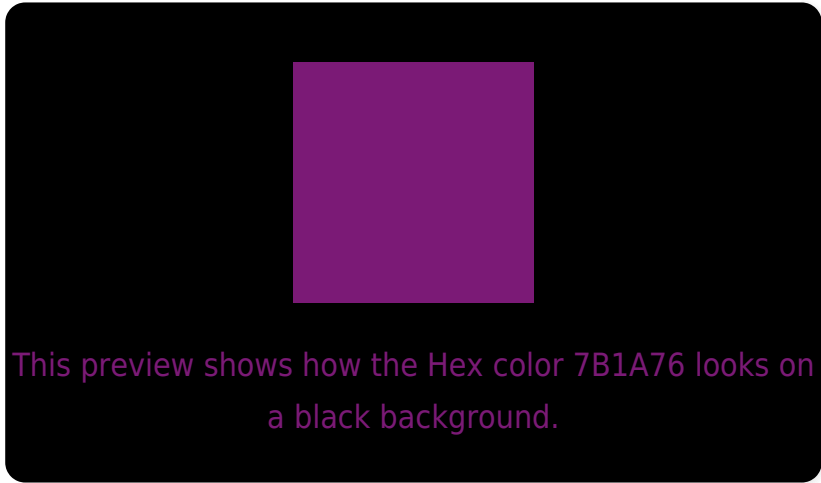
Large Text (above 18pt) WCAG AA ✓ Pass

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

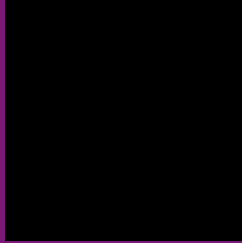
Any Text WCAG AA × Fail

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 7B1A76 Background



This preview shows how black text looks on a background with the Hex color 7B1A76.




This preview shows how white text looks on a background with the Hex color 7B1A76.

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





Tritanopia
743336

Trichromacy



Original Color

7B1A76



Protanomaly

2D3689



Deuteranomaly

4E3772



Tritanomaly

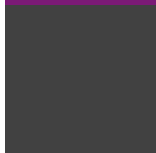
772A4D

Monochromacy



Original Color

7B1A76



Achromatopsia

414141



Achromatomaly

563354

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B1A76 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 #7B1A76 looks like.

```
.text, #text, p{  
    color:#7B1A76  
}
```

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 #7B1A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B1A76  
}
```

Border

The CSS property to change the border of an element to Hex 7B1A76 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".

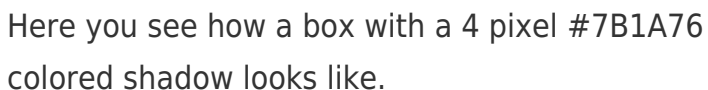
```
.border, #border, table{ border:4px solid  
#7B1A76 }
```

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

```
.border{ border-color:#7B1A76 }
```

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

Here you see how a box with a 4 pixel #7B1A76 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B1A76; -webkit-box-shadow:4px 4px  
4px 4px #7B1A76; box-shadow:4px 4px 4px  
4px #7B1A76 }
```

Background

The CSS property to change the background color of an element to Hex 7B1A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B1A76 }
```

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

```
.background{ background-color:#7B1A76 }
```

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