

Converting Colors

Hex(7B1C7C)

Have a look what the booklet for
Hex(7B1C7C) contains.

Hex(7B1C7C)	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(7B1C7C)

Conversions

Conversions Part 1

Format	Color
Hex	7B1C7C
RGB	123, 28, 124
RGB Percent	48%, 11%, 49%
CMY	0.5176, 0.8902, 0.5137
CMYK	0.01, 0.77, 0.00, 0.51
HSL	299°, 63%, 30%
HSV	299°, 77%, 49%
XYZ	12.2217, 6.4967, 19.6786
YIQ	67.3490, 25.8040, 49.9960

Conversions

Conversions Part 2

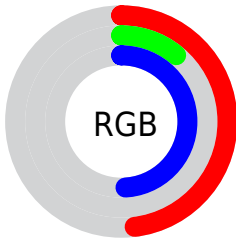
Format	Color
R_{YB}	123, 28, 124
Decimal	8068220
CIE _{Lab}	30.63, 51.37, -32.68
CIE _{LCh}	31, 60.879, 327.538
Yxy	6.4967, 0.3183, 0.1692
Android (android.graphics.Color)	4286258300 (0xFF7B1C7C)
YUV	67.3490, 27.9289, 48.8059
Hunter-Lab	25.4886, 40.9852, -27.9331

Details

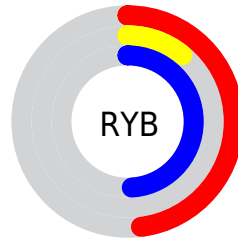
The Hex color **7B1C7C** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1D7C1C**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **B254B1**, and **46004A** is the 20% darker color. If you saturate the color by 10%, you get **7B107C**, and if you desaturate by 10%, it is **7B287C**.

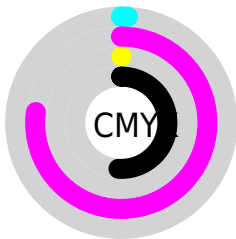
Distribution



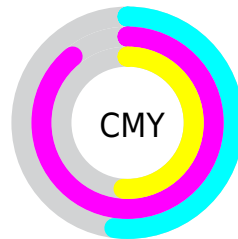
- Red (48%)
- Green (11%)
- Blue (49%)



- Red (48%)
- Yellow (11%)
- Blue (49%)



- Cyan (1%)
- Magenta (77%)
- Yellow (0%)
- Black (51%)



- Cyan (52%)
- Magenta (89%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B1C7C 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 7B1C7C by changing the saturation by 10% instead.

 7B1C7C

 7B1C7C

FFFFFF

 600063

 B254B1

 46004A

 CF6ECD

 300034

 EC89E9

 09001D

 FFA5FF

 000000

 FFC1FF

 FFDDFF

 FFFBFF

 7B1C7C

 7B1C7C

 7B107C

 7B287C

 7B037C

 7B357C

 7B007C

 7B417C

 7C4E7C

 7C5A7C

 7C667C

 7C737C

 7C7F7C

 7C8C7C

Harmonies

Analogous

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



323D9E



7B1C7C



96004E

Triad

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



7B1C7C



5C4500



005B73

Complementary

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



7B1C7C



1D7C1C

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.



005B43



7B1C7C



2E5200

Square

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



7B1C7C



802F00



00580C



005999

Rectangle

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



7B1C7C



98002F



00580C



005B64

Sweetspot

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



7B1C7C



A07CA1



1C1E7C



513B52



D1D1D1



525252

Same Dimension

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



7B1C7C



9F0BA1



7C1C4E



3D373D



7C007D



FA00FC

Inverse Universe

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



7C1C1D



A10B0D



1C7C4A



3D3737



7D0001



FC0003

Previews

White Background



This preview shows how the Hex color 7B1C7C looks on a white background.

Color Contrast Check

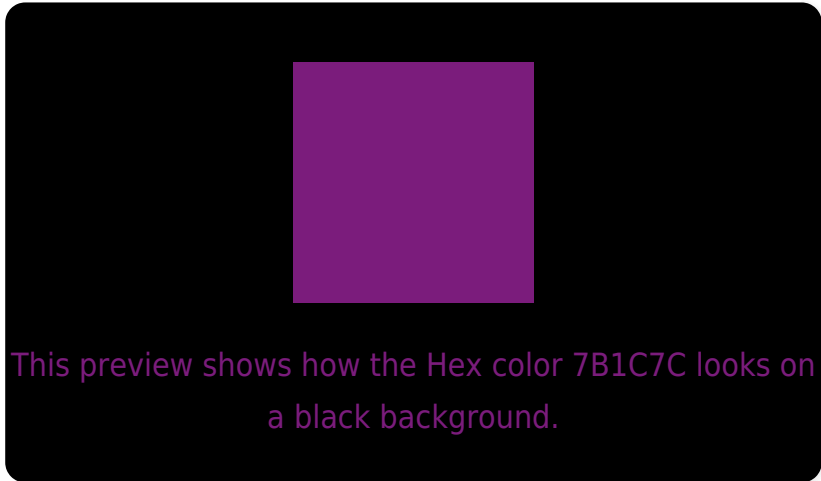
Large Text (above 18pt) WCAG AA ✓ Pass

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

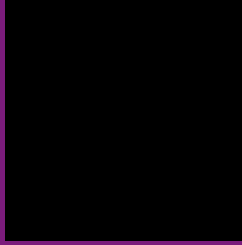
Any Text WCAG AA × Fail

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 7B1C7C Background



This preview shows how black text looks on a background with the Hex color 7B1C7C.




This preview shows how white text looks on a background with the Hex color 7B1C7C.

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
74363A

Trichromacy



Original Color
7B1C7C



Protanomaly
2D378D



Deuteranomaly
4C3978



Tritanomaly
772D52

Monochromacy



Original Color
7B1C7C



Achromatopsia
434343



Achromatomaly
573558

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B1C7C 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 #7B1C7C looks like.

```
.text, #text, p{  
    color:#7B1C7C  
}
```

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 #7B1C7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B1C7C
}
```

Border

The CSS property to change the border of an element to Hex 7B1C7C 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
#7B1C7C }
```

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

```
.border{ border-color:#7B1C7C }
```

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

Here you see how a box with a 4 pixel #7B1C7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B1C7C; -webkit-box-shadow:4px 4px  
4px 4px #7B1C7C; box-shadow:4px 4px 4px  
4px #7B1C7C }
```

Background

The CSS property to change the background color of an element to Hex 7B1C7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B1C7C }
```

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

```
.background{ background-color:#7B1C7C }
```

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