

# Converting Colors

Hex(7F1CB1)

Have a look what the booklet for  
Hex(7F1CB1) contains.

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**Color**

**Hex(7F1CB1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F1CB1
RGB	127, 28, 177
RGB Percent	50%, 11%, 69%
CMY	0.5020, 0.8902, 0.3059
CMYK	0.28, 0.84, 0.00, 0.31
HSL	280°, 73%, 40%
HSV	280°, 84%, 69%
XYZ	17.1035, 8.5169, 42.3374
YIQ	74.5870, 11.1750, 67.3270

# Conversions

## Conversions Part 2

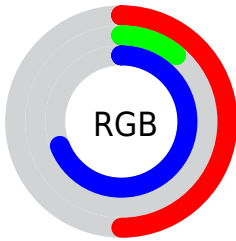
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 28, 177
Decimal	8330417
CIE <sub>Lab</sub>	35.04, 62.30, -57.98
CIE <sub>LCh</sub>	35, 85.105, 317.054
Yxy	8.5169, 0.2517, 0.1253
Android (android.graphics.Color)	4286520497 (0xFF7F1CB1)
YUV	74.5870, 50.4896, 45.9662
Hunter-Lab	29.1837, 53.5408, -65.5849

# Details

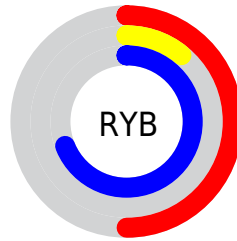
The Hex color **7F1CB1** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4EB11C**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **B857EA**, and **47007B** is the 20% darker color. If you saturate the color by 10%, you get **790AB1**, and if you desaturate by 10%, it is **852EB1**.

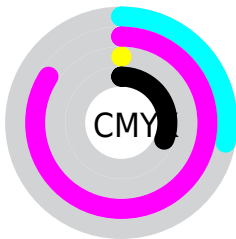
# Distribution



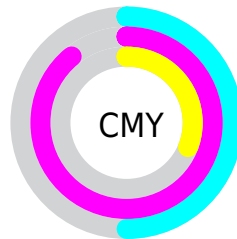
- Red (50%)
- Green (11%)
- Blue (69%)



- Red (50%)
- Yellow (11%)
- Blue (69%)



- Cyan (28%)
- Magenta (84%)
- Yellow (0%)
- Black (31%)



- Cyan (50%)
- Magenta (89%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F1CB1 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 7F1CB1 by changing the saturation by 10% instead.



 7F1CB1

 7F1CB1

FFFFFF

 630096

 B857EA

 47007B

 D672FF

 2A0062

 F38EFF

 060049

 FFAAFF

 000431

 FFC6FF

 00011B

 FFE3FF

 000000

 7F1CB1

 7F1CB1

 790AB1

 852EB1

 7600B1

 8B3FB1

 9151B1

 9763B1

 9D75B1

 A386B1

 A998B1

 AFAAB1

 B4BBB1

# Harmonies

## Analogous

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



004FD8



7F1CB1



B70073

# Triad

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



7F1CB1



7D4500



006B79

# Complementary

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



7F1CB1



4EB11C

# 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.



006931



7F1CB1



405B00

# Square

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



7F1CB1



A90500



006500



006BB7

# Rectangle

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



7F1CB1



C10046



006500



006B62



# Sweetspot

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



7F1CB1



D2ACE6



1C50B1



675073



F2F2F2



737373



# Same Dimension

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



7F1CB1



9800E6



B11C9B



565059



660099



11001A



# Inverse Universe

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



B11C4E



E6004D



1CB132



595053



990033

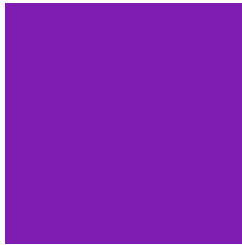


1A0009



# Previews

## White Background



This preview shows how the Hex color 7F1CB1 looks on a white background.

## Color Contrast Check

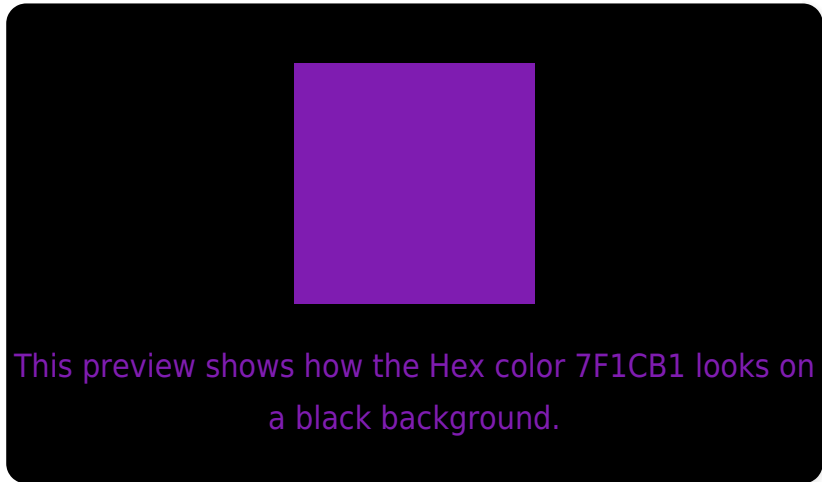
Large Text (above 18pt) WCAG AA ✓ Pass

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

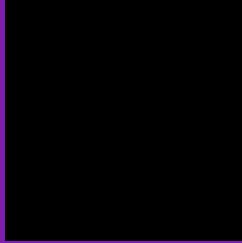
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F1CB1 Background



This preview shows how black text looks on a background with the Hex color 7F1CB1.

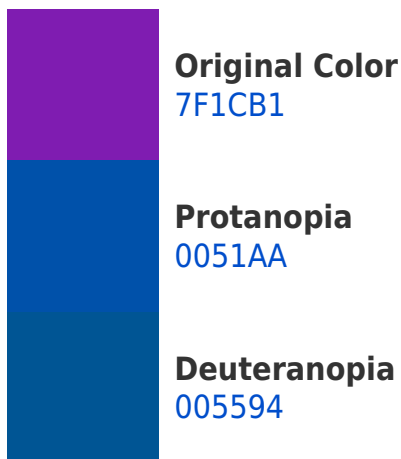



This preview shows how white text looks on a background with the Hex color 7F1CB1.

# 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**  
6F494E

# Trichromacy



**Original Color**  
7F1CB1



**Protanomaly**  
2E3EAD



**Deuteranomaly**  
2E409F



**Tritanomaly**  
753972

# Monochromacy



**Original Color**  
7F1CB1



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
5E3A70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F1CB1 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 #7F1CB1 looks like.

```
.text, #text, p{  
    color:#7F1CB1  
}
```

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 #7F1CB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F1CB1
}
```

## Border

The CSS property to change the border of an element to Hex 7F1CB1 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
#7F1CB1 }
```

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

```
.border{ border-color:#7F1CB1 }
```

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

Here you see how a box with a 4 pixel #7F1CB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F1CB1; -webkit-box-shadow:4px 4px  
4px 4px #7F1CB1; box-shadow:4px 4px 4px  
4px #7F1CB1 }
```

# Background

The CSS property to change the background color of an element to Hex 7F1CB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F1CB1 }
```

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

```
.background{ background-color:#7F1CB1 }
```

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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