

# Converting Colors

Hex(7E11BB)

Have a look what the booklet for  
Hex(7E11BB) contains.

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**Color**

**Hex(7E11BB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E11BB
RGB	126, 17, 187
RGB Percent	49%, 7%, 73%
CMY	0.5059, 0.9333, 0.2667
CMYK	0.33, 0.91, 0.00, 0.27
HSL	278°, 83%, 40%
HSV	278°, 91%, 73%
XYZ	17.7743, 8.4244, 47.7030
YIQ	68.9710, 10.3940, 75.9780

# Conversions

## Conversions Part 2

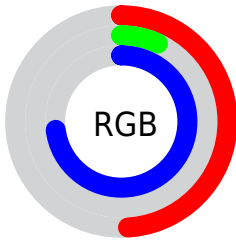
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 17, 187
Decimal	8262075
CIE <sub>Lab</sub>	34.85, 66.74, -64.23
CIE <sub>LCh</sub>	35, 92.623, 316.100
Y <sub>xy</sub>	8.4244, 0.2405, 0.1140
Android (android.graphics.Color)	4286452155 (0xFF7E11BB)
YUV	68.9710, 58.1883, 50.0144
Hunter-Lab	29.0248, 58.5170, -77.1273

# Details

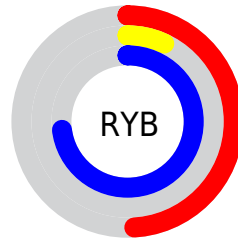
The Hex color **7E11BB** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **4EBB11**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **B852F4**, and **440084** is the 20% darker color. If you saturate the color by 10%, you get **7800BB**, and if you desaturate by 10%, it is **8524BB**.

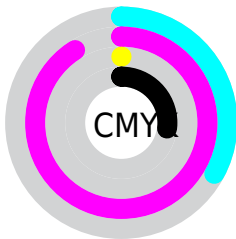
# Distribution



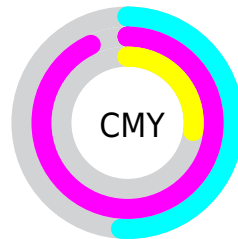
- Red (49%)
- Green (7%)
- Blue (73%)



- Red (49%)
- Yellow (7%)
- Blue (73%)



- Cyan (33%)
- Magenta (91%)
- Yellow (0%)
- Black (27%)



- Cyan (51%)
- Magenta (93%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E11BB 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 7E11BB by changing the saturation by 10% instead.



 7E11BB

 7E11BB

FFFFFF

 61009F

 B852F4

 440084

 D66EFF

 25006A

 F48AFF

 000051

 FFA6FF

 000439

 FFC2FF

 000222

 FFDFFF

 000009

 FFFDFF

 000000

 7E11BB

 7E11BB

 7800BB

 8524BB

 8B36BB

 9249BB

 995CBB

 A06FBB

 A681BB

 AD94BB

 B4A7BB

 BAB9BB

# Harmonies

## Analogous

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



0050E5



7E11BB



BD0078

# Triad

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



7E11BB



804200



006C7A

# Complementary

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



7E11BB



4EBB11

# 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.



006A2B



7E11BB



3F5B00

# Square

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



7E11BB



B00000



006600



006CBE

# Rectangle

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



7E11BB



C90047



006600



006B60



# Sweetspot

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



7E11BB



DBB1F2



114FBB



6C537A



FAFAFA



7A7A7A



# Same Dimension

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



7E11BB



9B00F2



BB11A4



5B555E



65009E



14001F



# Inverse Universe

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



BB114E



F20057



11BB28



5E5558



9E0039

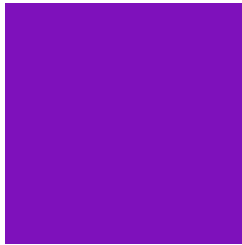


1F000B



# Previews

## White Background



This preview shows how the Hex color 7E11BB looks on a white background.

## Color Contrast Check

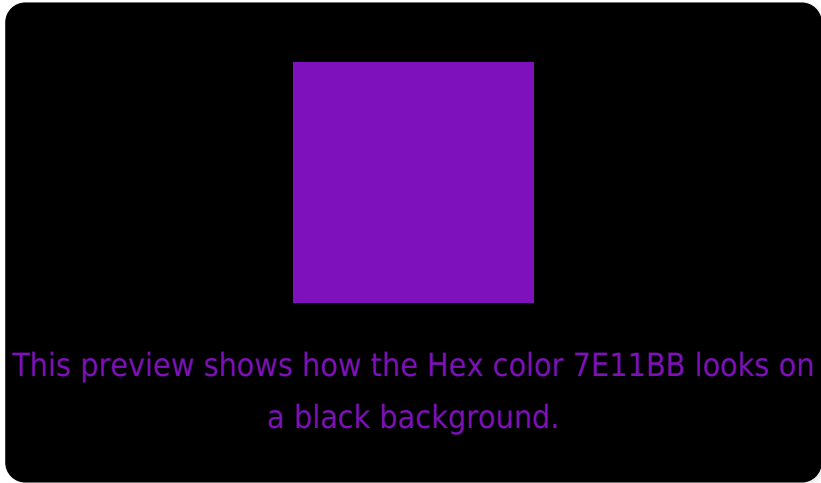
Large Text (above 18pt) WCAG AA ✓ Pass

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

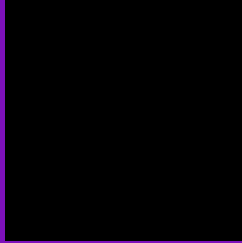
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E11BB Background



This preview shows how black text looks on a background with the Hex color 7E11BB.



This preview shows how white text looks on a background with the Hex color 7E11BB.

# 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



**Original Color**  
7E11BB

**Protanopia**  
0051A9

**Deuteranopia**  
005593



**Tritanopia**  
6B4A50

# Trichromacy



**Original Color**  
7E11BB



**Protanomaly**  
2E3AB0



**Deuteranomaly**  
2E3CA2



**Tritanomaly**  
723577

# Monochromacy



**Original Color**  
7E11BB



**Achromatopsia**  
454545



**Achromatomaly**  
5A3270

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E11BB 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 #7E11BB looks like.

```
.text, #text, p{  
    color:#7E11BB  
}
```

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 #7E11BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E11BB
}
```

## Border

The CSS property to change the border of an element to Hex 7E11BB 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
#7E11BB }
```

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

```
.border{ border-color:#7E11BB }
```

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

Here you see how a box with a 4 pixel #7E11BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E11BB; -webkit-box-shadow:4px 4px  
4px 4px #7E11BB; box-shadow:4px 4px 4px  
4px #7E11BB }
```

# Background

The CSS property to change the background color of an element to Hex 7E11BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E11BB }
```

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

```
.background{ background-color:#7E11BB }
```

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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