

Converting Colors

Hex(7E13E9)

Have a look what the booklet for
Hex(7E13E9) contains.

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Color

Hex(7E13E9)

Conversions

Conversions Part 1

Format	Color
Hex	7E13E9
RGB	126, 19, 233
RGB Percent	49%, 7%, 91%
CMY	0.5059, 0.9255, 0.0863
CMYK	0.46, 0.92, 0.00, 0.09
HSL	270°, 85%, 49%
HSV	270°, 92%, 91%
XYZ	23.5450, 10.7846, 77.9315
YIQ	75.3890, -4.9220, 89.2380

Conversions

Conversions Part 2

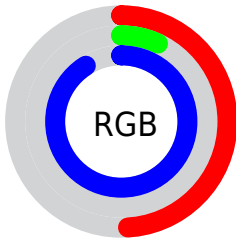
Format	Color
R_{YB}	126, 19, 233
Decimal	8262633
CIE _{Lab}	39.22, 76.02, -83.70
CIE _{LCh}	39, 113.074, 312.247
Yxy	10.7846, 0.2097, 0.0961
Android (android.graphics.Color)	4286452713 (0xFF7E13E9)
YUV	75.3890, 77.7022, 44.3858
Hunter-Lab	32.8398, 70.5086, -117.7118

Details

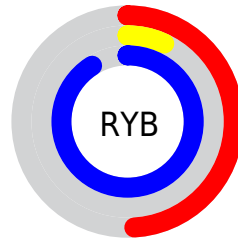
The Hex color **7E13E9** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **7EE913**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **BC56FF**, and **3B00B0** is the 20% darker color. If you saturate the color by 10%, you get **7500E9**, and if you desaturate by 10%, it is **8A2AE9**.

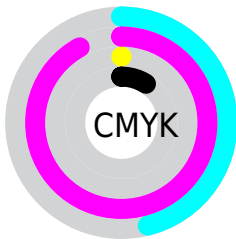
Distribution



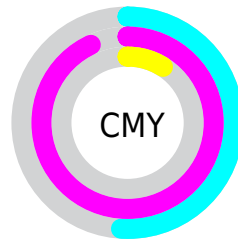
- Red (49%)
- Green (7%)
- Blue (91%)



- Red (49%)
- Yellow (7%)
- Blue (91%)



- Cyan (46%)
- Magenta (92%)
- Yellow (0%)
- Black (9%)



- Cyan (51%)
- Magenta (93%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E13E9 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 7E13E9 by changing the saturation by 10% instead.

 7E13E9

 7E13E9

FFFFFF

 5E00CC

 BC56FF

 3B00B0

 DB73FF

 000094

 FA8FFF

 000079

 FFACFF

 00005F

 FFC9FF

 000846

 FFE6FF

 00042F

 000119

 000000

■ 7E13E9

■ 7E13E9

■ 7500E9

■ 8A2AE9

■ 9542E9

■ A159E9

■ AD70E9

■ B887E9

■ C49FE9

■ D0B6E9

■ DBCDE9

■ E7E5E9

Harmonies

Analogous

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



0061FF



7E13E9



DA0097

Triad

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



7E13E9



9C4100



007B82

Complementary

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



7E13E9



7EE913

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.



00781B



7E13E9



4E6500

Square

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



7E13E9



D30000



007300



007DDA

Rectangle

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



7E13E9



ED005B



007300



007A62

Sweetspot

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



7E13E9



DBB8FF



137EE9



6A5480



000000



808080

Same Dimension

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



7E13E9



8000FF



E913E9



6F6A75



5B00B5



1B0036

Inverse Universe

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



E9137E



FF0080



13E913



756A6F



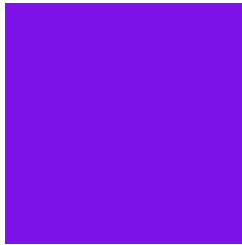
B5005B



36001B

Previews

White Background



This preview shows how the Hex color 7E13E9 looks on a white background.

Color Contrast Check

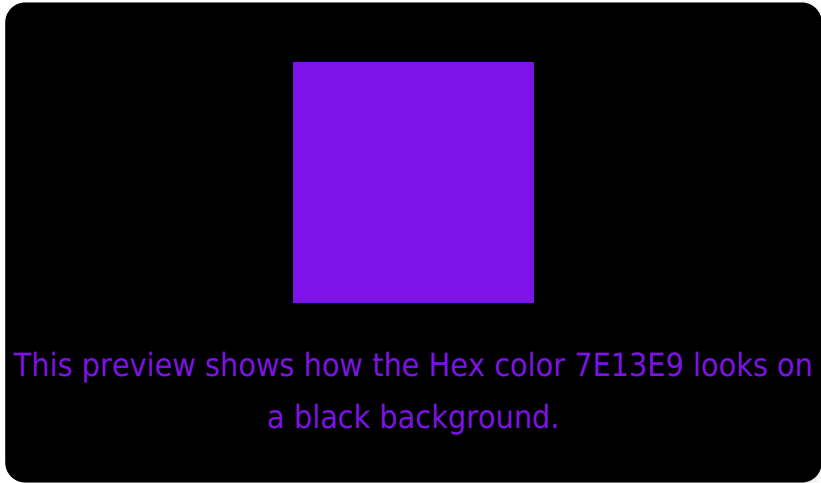
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 7E13E9 Background



This preview shows how black text looks on a background with the Hex color 7E13E9.



This preview shows how white text looks on a background with the Hex color 7E13E9.

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
7E13E9

Protanopia
005ABD

Deuteranopia
0060A2



Tritanopia
5D5C63

Trichromacy



Original Color
7E13E9



Protanomaly
2E40CD



Deuteranomaly
2E44BC



Tritanomaly
694194

Monochromacy



Original Color
7E13E9



Achromatopsia
4B4B4B



Achromatomaly
5E3784

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E13E9 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 #7E13E9 looks like.

```
.text, #text, p{  
    color:#7E13E9  
}
```

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 #7E13E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E13E9
}
```

Border

The CSS property to change the border of an element to Hex 7E13E9 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".

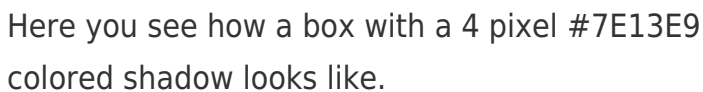
```
.border, #border, table{ border:4px solid
#7E13E9 }
```

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

```
.border{ border-color:#7E13E9 }
```

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

Here you see how a box with a 4 pixel #7E13E9 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E13E9; -webkit-box-shadow:4px 4px  
4px 4px #7E13E9; box-shadow:4px 4px 4px  
4px #7E13E9 }
```

Background

The CSS property to change the background color of an element to Hex 7E13E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E13E9 }
```

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

```
.background{ background-color:#7E13E9 }
```

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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