

Converting Colors

Hex(7A10E7)

Have a look what the booklet for
Hex(7A10E7) contains.

Hex(7A10E7)	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(7A10E7)

Conversions

Conversions Part 1

Format	Color
Hex	7A10E7
RGB	122, 16, 231
RGB Percent	48%, 6%, 91%
CMY	0.5216, 0.9373, 0.0941
CMYK	0.47, 0.93, 0.00, 0.09
HSL	270°, 87%, 48%
HSV	270°, 93%, 91%
XYZ	22.6351, 10.2777, 76.3921
YIQ	72.2040, -5.8390, 89.3370

Conversions

Conversions Part 2

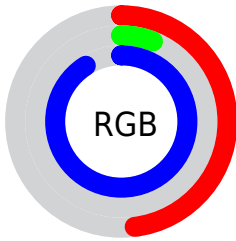
Format	Color
R _Y B	122, 16, 231
Decimal	7999719
CIE Lab	38.34, 75.71, -84.03
CIE LCh	38, 113.111, 312.019
Yxy	10.2777, 0.2071, 0.0940
Android (android.graphics.Color)	4286189799 (0xFF7A10E7)
YUV	72.2040, 78.2864, 43.6711
Hunter-Lab	32.0588, 69.9270, -118.8394

Details

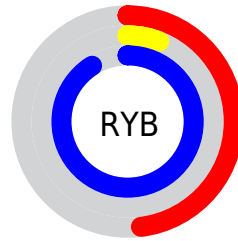
The Hex color **7A10E7** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **7DE710**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **B854FF**, and **3600AE** is the 20% darker color. If you saturate the color by 10%, you get **7200E7**, and if you desaturate by 10%, it is **8627E7**.

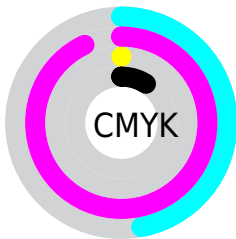
Distribution



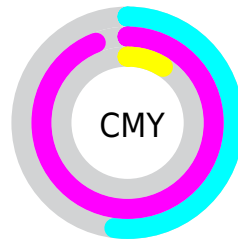
- Red (48%)
- Green (6%)
- Blue (91%)



- Red (48%)
- Yellow (6%)
- Blue (91%)



- Cyan (47%)
- Magenta (93%)
- Yellow (0%)
- Black (9%)



- Cyan (52%)
- Magenta (94%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A10E7 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 7A10E7 by changing the saturation by 10% instead.

 7A10E7

 7A10E7

FFFFFF

 5A00CA

 B854FF

 3600AE

 D771FF

 000092

 F68DFF

 000077

 FFAAFF

 00005D

 FFC6FF

 000845

 FFE4FF

 00032D

 000118

 000000

■ 7A10E7

■ 7A10E7

■ 7200E7

■ 8627E7

■ 913EE7

■ 9D55E7

■ A96CE7

■ B584E7

■ C09BE7

■ CCB2E7

■ D8C9E7

■ E3E0E7

Harmonies

Analogous

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



005FFF



7A10E7



D70095

Triad

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



7A10E7



9A3F00



00787F

Complementary

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



7A10E7



7DE710

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.



007518



7A10E7



4C6300

Square

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



7A10E7



D10000



007000



007AD7

Rectangle

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



7A10E7



EA0059



007000



00775F

Sweetspot

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



7A10E7



DBB8FF



107FE7



6A5480



000000



808080

Same Dimension

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



7A10E7



7E00FF



E310E7



6D6773



5800B3



190033

Inverse Universe

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



E7107D



FF0081



14E710



73676D



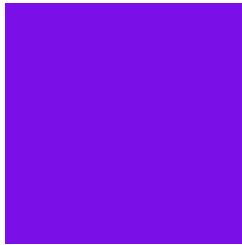
B3005A



33001A

Previews

White Background



This preview shows how the Hex color 7A10E7 looks on a white background.

Color Contrast Check

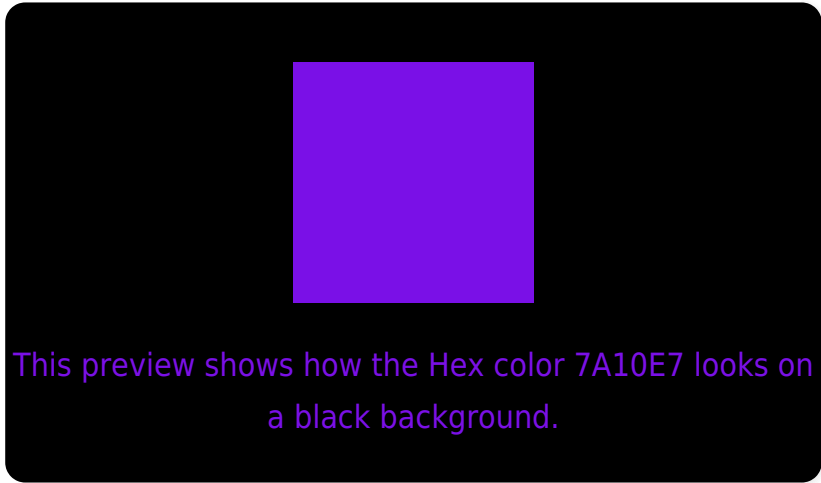
Large Text (above 18pt) WCAG AA ✓ Pass

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

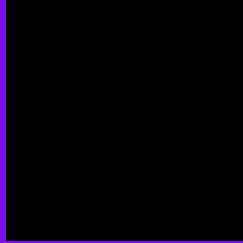
Any Text WCAG AA × Fail

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 7A10E7 Background



This preview shows how black text looks on a background with the Hex color 7A10E7.

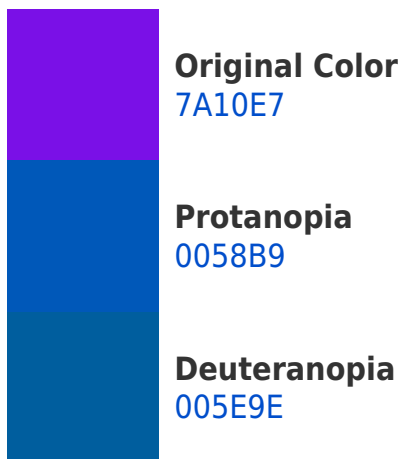


This preview shows how white text looks on a background with the Hex color 7A10E7.

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
585B62

Trichromacy



Original Color

7A10E7



Protanomaly

2C3ECA



Deuteranomaly

2C42B9



Tritanomaly

644092

Monochromacy



Original Color

7A10E7



Achromatopsia

484848



Achromatomaly

5A3482

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A10E7 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 #7A10E7 looks like.

```
.text, #text, p{  
    color:#7A10E7  
}
```

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 #7A10E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A10E7
}
```

Border

The CSS property to change the border of an element to Hex 7A10E7 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".

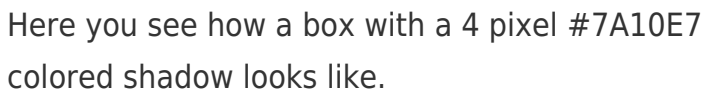
```
.border, #border, table{ border:4px solid
#7A10E7 }
```

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

```
.border{ border-color:#7A10E7 }
```

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

Here you see how a box with a 4 pixel #7A10E7 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A10E7; -webkit-box-shadow:4px 4px  
4px 4px #7A10E7; box-shadow:4px 4px 4px  
4px #7A10E7 }
```

Background

The CSS property to change the background color of an element to Hex 7A10E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A10E7 }
```

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

```
.background{ background-color:#7A10E7 }
```

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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