

Converting Colors

Hex(7813E8)

Have a look what the booklet for
Hex(7813E8) contains.

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Color

Hex(7813E8)

Conversions

Conversions Part 1

Format	Color
Hex	7813E8
RGB	120, 19, 232
RGB Percent	47%, 7%, 91%
CMY	0.5294, 0.9255, 0.0902
CMYK	0.48, 0.92, 0.00, 0.09
HSL	268°, 85%, 49%
HSV	268°, 92%, 91%
XYZ	22.5441, 10.2850, 77.1409
YIQ	73.4810, -8.1770, 87.6550

Conversions

Conversions Part 2

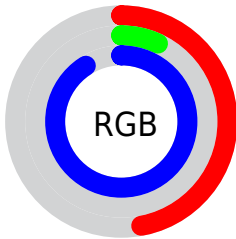
Format	Color
R _Y B	120, 19, 232
Decimal	7869416
CIE Lab	38.35, 75.24, -84.59
CIE LCh	38, 113.211, 311.653
Yxy	10.2850, 0.2050, 0.0935
Android (android.graphics.Color)	4286059496 (0xFF7813E8)
YUV	73.4810, 78.1499, 40.7972
Hunter-Lab	32.0703, 69.3553, -120.1654

Details

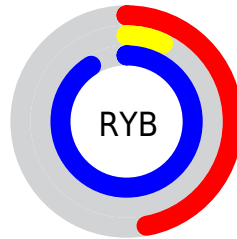
The Hex color **7813E8** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **83E813**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **B655FF**, and **3300AF** is the 20% darker color. If you saturate the color by 10%, you get **6E00E8**, and if you desaturate by 10%, it is **842AE8**.

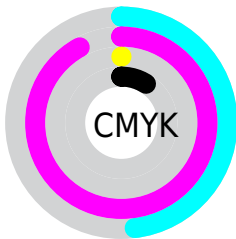
Distribution



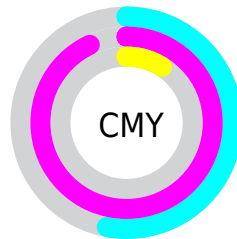
- Red (47%)
- Green (7%)
- Blue (91%)



- Red (47%)
- Yellow (7%)
- Blue (91%)



- Cyan (48%)
- Magenta (92%)
- Yellow (0%)
- Black (9%)



- Cyan (53%)
- Magenta (93%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7813E8 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 7813E8 by changing the saturation by 10% instead.

 7813E8

 7813E8

FFFFFF

 5800CB

 B655FF

 3300AF

 D572FF

 000093

 F48EFF

 000078

 FFAAFF

 00005E

 FFC7FF

 000845

 FFE4FF

 00042E

 000119

 000000

■ 7813E8

■ 7813E8

■ 6E00E8

■ 842AE8

■ 9041E8

■ 9D59E8

■ A970E8

■ B587E8

■ C19EE8

■ CDB5E8

■ DACDE8

■ E6E4E8

Harmonies

Analogous

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



0060FF



7813E8



D70096

Triad

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



7813E8



9B3E00



00787E

Complementary

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



7813E8



83E813

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.



007516



7813E8



4D6200

Square

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



7813E8



D10000



007000



007AD6

Rectangle

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



7813E8



EA005A



007000



00775E

Sweetspot

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



7813E8



D9B8FF



1385E8



695480



000000



808080

Same Dimension

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



7813E8



7900FF



E113E8



6D6773



5500B3



180033

Inverse Universe

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



E81383



FF0086



1AE813



73676D



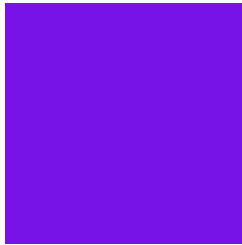
B3005E



33001B

Previews

White Background



This preview shows how the Hex color 7813E8 looks on a white background.

Color Contrast Check

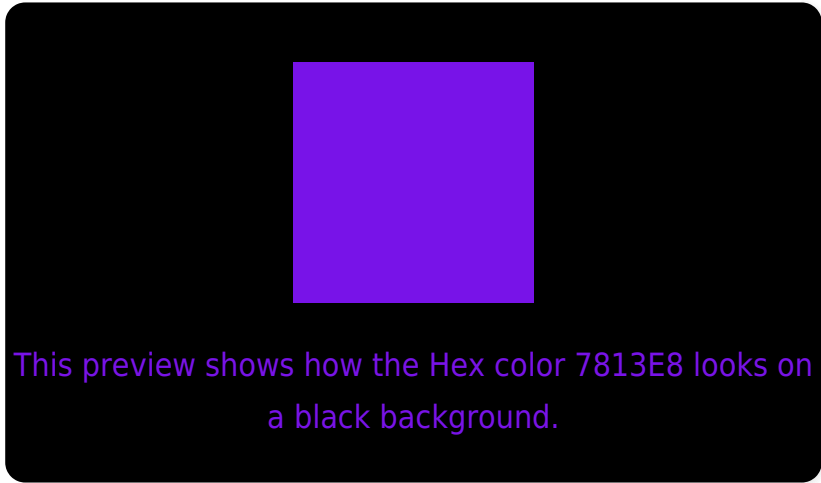
Large Text (above 18pt) WCAG AA ✓ Pass

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

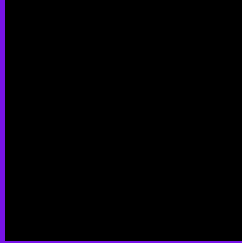
Any Text WCAG AA × Fail

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 7813E8 Background



This preview shows how black text looks on a background with the Hex color 7813E8.

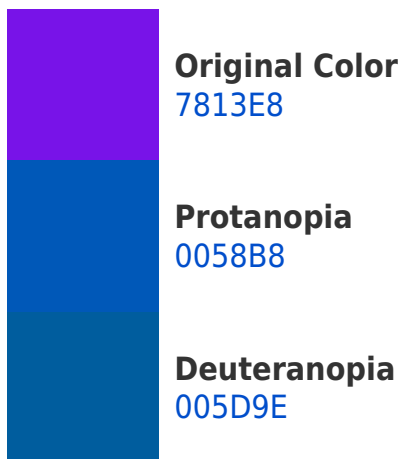



This preview shows how white text looks on a background with the Hex color 7813E8.

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
555C63

Trichromacy



Original Color
7813E8



Protanomaly
2C3FC9



Deuteranomaly
2C42B9



Tritanomaly
624193

Monochromacy



Original Color
7813E8



Achromatopsia
494949



Achromatomaly
5A3583

CSS Examples

Text

The CSS property to change the color of the text to Hex 7813E8 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 #7813E8 looks like.

```
.text, #text, p{  
    color:#7813E8  
}
```

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 #7813E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7813E8
}
```

Border

The CSS property to change the border of an element to Hex 7813E8 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".

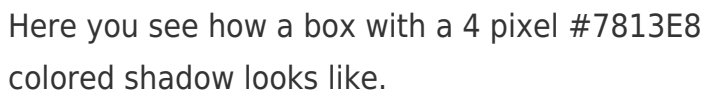
```
.border, #border, table{ border:4px solid
#7813E8 }
```

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

```
.border{ border-color:#7813E8 }
```

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

Here you see how a box with a 4 pixel #7813E8 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 #7813E8; -webkit-box-shadow:4px 4px  
4px 4px #7813E8; box-shadow:4px 4px 4px  
4px #7813E8 }
```

Background

The CSS property to change the background color of an element to Hex 7813E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7813E8 }
```

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

```
.background{ background-color:#7813E8 }
```

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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