

Converting Colors

Hex(8017E8)

Have a look what the booklet for
Hex(8017E8) contains.

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Color

Hex(8017E8)

Conversions

Conversions Part 1

Format	Color
Hex	8017E8
RGB	128, 23, 232
RGB Percent	50%, 9%, 91%
CMY	0.4980, 0.9098, 0.0902
CMYK	0.45, 0.90, 0.00, 0.09
HSL	270°, 82%, 50%
HSV	270°, 90%, 91%
XYZ	23.7740, 11.0282, 77.2196
YIQ	78.2210, -4.5090, 87.2590

Conversions

Conversions Part 2

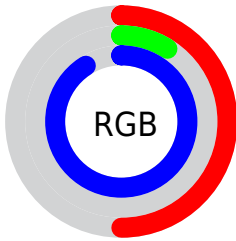
Format	Color
R_{YB}	128, 23, 232
Decimal	8394728
CIE _{Lab}	39.63, 75.26, -82.45
CIE _{LCh}	40, 111.629, 312.391
Yxy	11.0282, 0.2122, 0.0984
Android (android.graphics.Color)	4286584808 (0xFF8017E8)
YUV	78.2210, 75.8130, 43.6562
Hunter-Lab	33.2087, 69.6722, -114.6198

Details

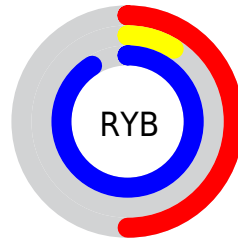
The Hex color **8017E8** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **7FE817**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **BD58FF**, and **3E00AF** is the 20% darker color. If you saturate the color by 10%, you get **7500E8**, and if you desaturate by 10%, it is **8C2EE8**.

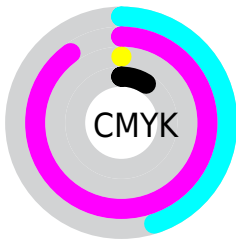
Distribution



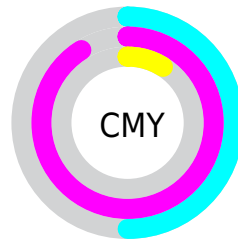
- Red (50%)
- Green (9%)
- Blue (91%)



- Red (50%)
- Yellow (9%)
- Blue (91%)



- Cyan (45%)
- Magenta (90%)
- Yellow (0%)
- Black (9%)



- Cyan (50%)
- Magenta (91%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8017E8 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 8017E8 by changing the saturation by 10% instead.

 8017E8

 8017E8

FFFFFF

 6000CB

 BD58FF

 3E00AF

 DC75FF

 0B0093

 FB91FF

 000079

 FFAEFF

 00005E

 FFCAFF

 000846

 FFE8FF

 00042E

 000119

 000000

■ 8017E8

■ 8017E8

■ 7500E8

■ 8C2EE8

■ 9745E8

■ A35DE8

■ AE74E8

■ BA8BE8

■ C5A2E8

■ D1B9E8

■ DCD1E8

■ E8E8E8

Harmonies

Analogous

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



0061FF



8017E8



DA0097

Triad

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



8017E8



9D4300



007C83

Complementary

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



8017E8



7FE817

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.



00791E



8017E8



4F6600

Square

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



8017E8



D30000



007400



007DDA

Rectangle

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



8017E8



ED005B



007400



007B63

Sweetspot

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



8017E8



DDBAFF



177FE8



6B5780



000000



808080

Same Dimension

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



8017E8



8000FF



E817E8



6D6773



5A00B3



1A0033

Inverse Universe

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



E8177F



FF007F



17E817



73676D



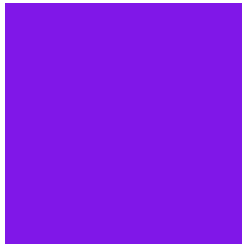
B30059



330019

Previews

White Background



This preview shows how the Hex color 8017E8 looks on a white background.

Color Contrast Check

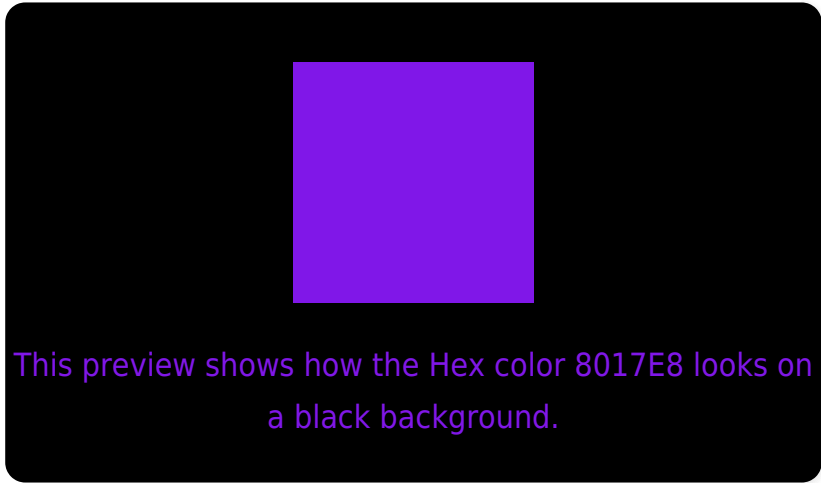
Large Text (above 18pt) WCAG AA ✓ Pass

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

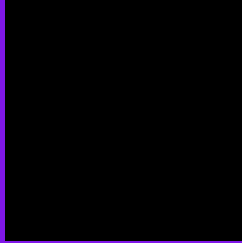
Any Text WCAG AA × Fail

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 8017E8 Background



This preview shows how black text looks on a background with the Hex color 8017E8.

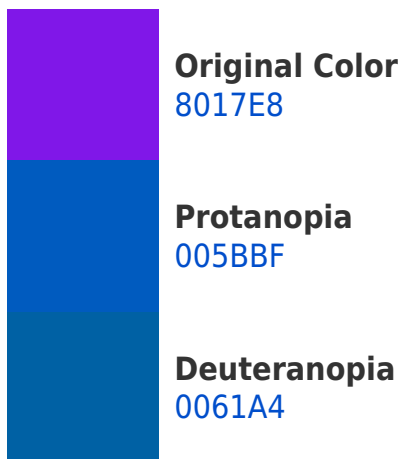



This preview shows how white text looks on a background with the Hex color 8017E8.

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
605C63

Trichromacy



Original Color
8017E8



Protanomaly
2F42CE



Deuteranomaly
2F46BD



Tritanomaly
6C4393

Monochromacy



Original Color
8017E8



Achromatopsia
4E4E4E



Achromatomaly
603A86

CSS Examples

Text

The CSS property to change the color of the text to Hex 8017E8 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 #8017E8 looks like.

```
.text, #text, p{  
    color:#8017E8  
}
```

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 #8017E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8017E8
}
```

Border

The CSS property to change the border of an element to Hex 8017E8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

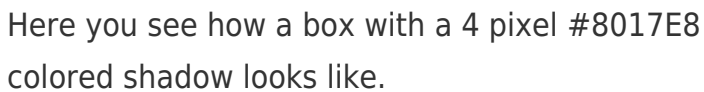
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8017E8 }
```

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

```
.border{ border-color:#8017E8 }
```

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



Here you see how a box with a 4 pixel #8017E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8017E8; -webkit-box-shadow:4px 4px  
4px 4px #8017E8; box-shadow:4px 4px 4px  
4px #8017E8 }
```

Background

The CSS property to change the background color of an element to Hex 8017E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8017E8 }
```

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

```
.background{ background-color:#8017E8 }
```

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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