

Converting Colors

Hex(810DE1)

Have a look what the booklet for
Hex(810DE1) contains.

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Color

Hex(810DE1)

Conversions

Conversions Part 1

Format	Color
Hex	810DE1
RGB	129, 13, 225
RGB Percent	51%, 5%, 88%
CMY	0.4941, 0.9490, 0.1176
CMYK	0.43, 0.94, 0.00, 0.12
HSL	273°, 89%, 47%
HSV	273°, 94%, 88%
XYZ	22.7878, 10.3912, 72.0388
YIQ	71.8520, 1.0840, 90.5240

Conversions

Conversions Part 2

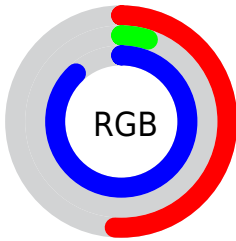
Format	Color
R_{YB}	129, 13, 225
Decimal	8457697
CIE Lab	38.54, 75.55, -80.25
CIE LCh	39, 110.215, 313.273
Yxy	10.3912, 0.2166, 0.0988
Android (android.graphics.Color)	4286647777 (0xFF810DE1)
YUV	71.8520, 75.5020, 50.1188
Hunter-Lab	32.2354, 69.7729, -109.9349

Details

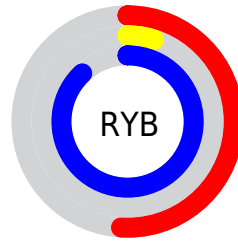
The Hex color **810DE1** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **6DE10D**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **BE54FF**, and **4100A8** is the 20% darker color. If you saturate the color by 10%, you get **7B00E1**, and if you desaturate by 10%, it is **8B24E1**.

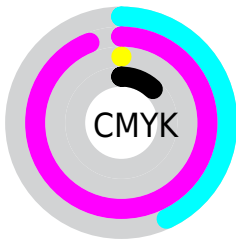
Distribution



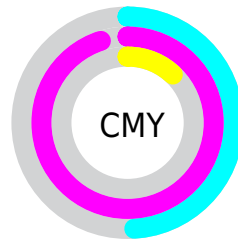
- Red (51%)
- Green (5%)
- Blue (88%)



- Red (51%)
- Yellow (5%)
- Blue (88%)



- Cyan (43%)
- Magenta (94%)
- Yellow (0%)
- Black (12%)




- Cyan (49%)
- Magenta (95%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 810DE1 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 810DE1 by changing the saturation by 10% instead.

 810DE1

 810DE1

FFFFFF

 6200C4

 BE54FF

 4100A8

 DD71FF

 15008D

 FB8DFF

 000072

 FFAAFF

 000058

 FFC6FF

 000740

 FFE4FF

 000329

 000113

 000000

■ 810DE1

■ 810DE1

■ 7B00E1

■ 8B24E1

■ 953AE1

■ A051E1

■ AA67E1

■ B47EE1

■ BE94E1

■ C8ABE1

■ D3C1E1

■ DDD8E1

Harmonies

Analogous

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



005EFF



810DE1



D70091

Triad

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



810DE1



974200



007882

Complementary

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



810DE1



6DE10D

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.



007620



810DE1



4A6400

Square

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



810DE1



CD0000



007100



007AD7

Rectangle

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



810DE1



E80056



007100



007863

Sweetspot

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



810DE1



DFB8FF



0D70E1



6C5480



000000



808080

Same Dimension

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



810DE1



8C00FF



E10DDA



6B6570



6000B0



1B0030

Inverse Universe

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



E10D6D



FF0073



0DE114



70656A



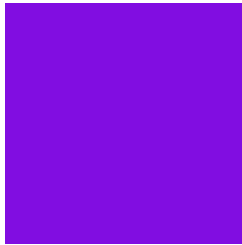
B00050



300016

Previews

White Background



This preview shows how the Hex color 810DE1 looks on a white background.

Color Contrast Check

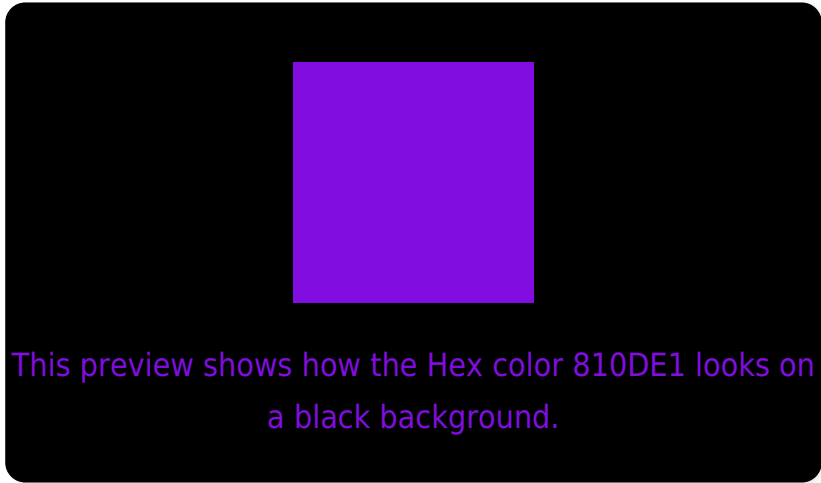
Large Text (above 18pt) WCAG AA ✓ Pass

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

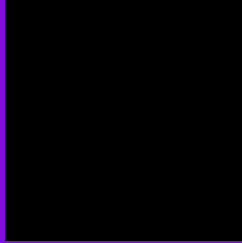
Any Text WCAG AA × Fail

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 810DE1 Background



This preview shows how black text looks on a background with the Hex color 810DE1.

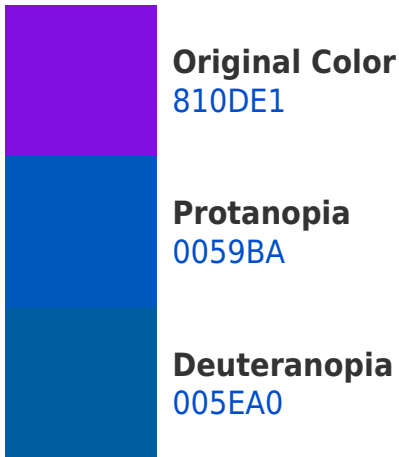



This preview shows how white text looks on a background with the Hex color 810DE1.

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](#).

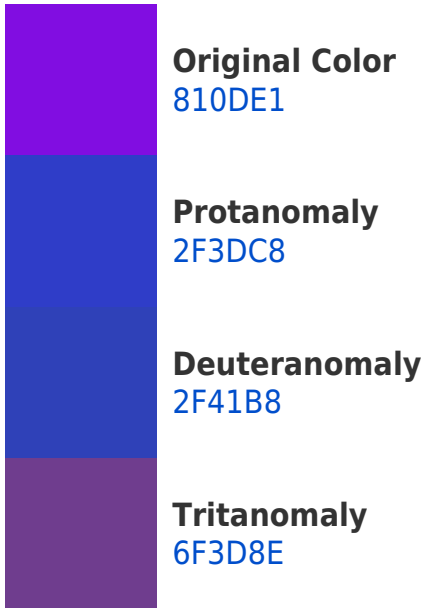
Dichromacy



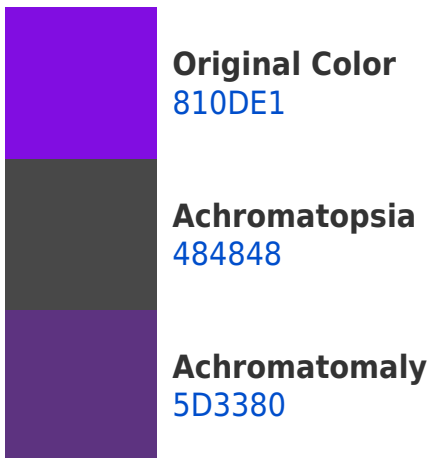


Tritanopia
64585F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 810DE1 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 #810DE1 looks like.

```
.text, #text, p{  
    color:#810DE1  
}
```

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 #810DE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #810DE1  
}
```

Border

The CSS property to change the border of an element to Hex 810DE1 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  
#810DE1 }
```

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

```
.border{ border-color:#810DE1 }
```

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

Here you see how a box with a 4 pixel #810DE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #810DE1; -webkit-box-shadow:4px 4px  
4px 4px #810DE1; box-shadow:4px 4px 4px  
4px #810DE1 }
```

Background

The CSS property to change the background color of an element to Hex 810DE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#810DE1 }
```

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

```
.background{ background-color:#810DE1 }
```

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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