

Converting Colors

Hex(801E84)

Have a look what the booklet for
Hex(801E84) contains.

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Color

Hex(801E84)

Conversions

Conversions Part 1

Format	Color
Hex	801E84
RGB	128, 30, 132
RGB Percent	50%, 12%, 52%
CMY	0.4980, 0.8824, 0.4824
CMYK	0.03, 0.77, 0.00, 0.48
HSL	298°, 63%, 32%
HSV	298°, 77%, 52%
XYZ	13.5312, 7.1837, 22.5032
YIQ	70.9300, 25.6660, 52.4980

Conversions

Conversions Part 2

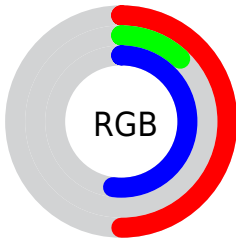
Format	Color
R_{YB}	128, 30, 132
Decimal	8396420
CIE _{Lab}	32.22, 53.23, -35.11
CIE _{LCh}	32, 63.762, 326.592
Yxy	7.1837, 0.3131, 0.1662
Android (android.graphics.Color)	4286586500 (0xFF801E84)
YUV	70.9300, 30.1075, 50.0504
Hunter-Lab	26.8024, 43.2117, -31.0180

Details

The Hex color **801E84** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **22841E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **B856BA**, and **4B0052** is the 20% darker color. If you saturate the color by 10%, you get **7F1184**, and if you desaturate by 10%, it is **812B84**.

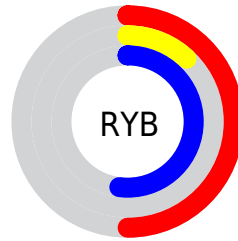
Distribution



Red (50%)

Green (12%)

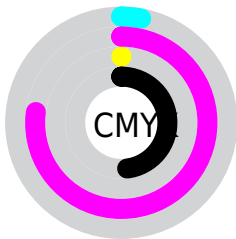
Blue (52%)



Red (50%)

Yellow (12%)

Blue (52%)

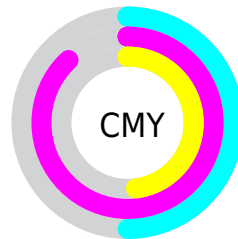


Cyan (3%)

Magenta (77%)

Yellow (0%)

Black (48%)



Cyan (50%)

Magenta (88%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 801E84 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 801E84 by changing the saturation by 10% instead.



801E84



801E84

FFFFFF



65006A



B856BA



4B0052



D471D6



33003A



F28CF2



150024



FFA8FF



00000B



FFC4FF



000000



FFE1FF



FFFEFF



801E84



801E84

■ 7F1184

■ 812B84

■ 7F0484

■ 813884

■ 7F0084

■ 824684

■ 825384

■ 836084

■ 836D84

■ 847A84

■ 848884

■ 859584

Harmonies

Analogous

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



2F41A7



801E84



9D0054

Triad

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



801E84



624800



006078

Complementary

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



801E84



22841E

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.



005F44



801E84



325600

Square

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



801E84



873000



005C09



005EA0

Rectangle

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



801E84



A00033



005C09



006067

Sweetspot

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



801E84



A984AB



1E2384



563E57



D6D6D6



575757

Same Dimension

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



801E84



A50CAB



841E56



423C42



7D0082



020003

Inverse Universe

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



841E22



AB0C12



1E844C



423C3C



820005



030000

Previews

White Background



This preview shows how the Hex color 801E84 looks on a white background.

Color Contrast Check

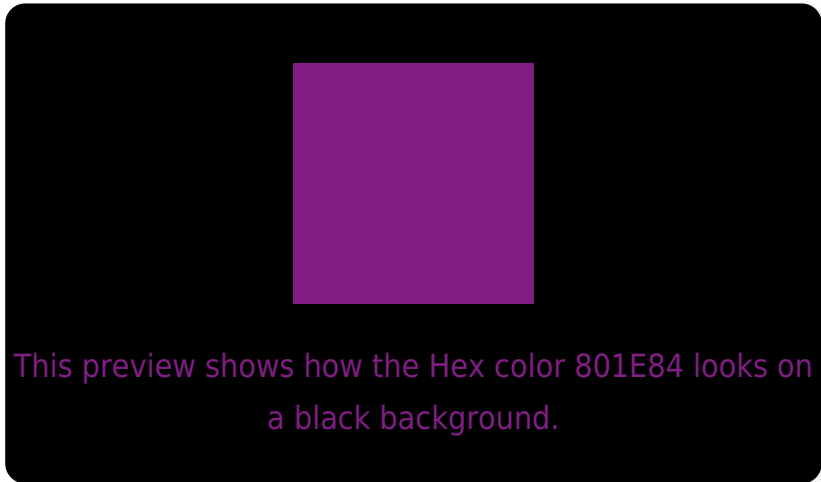
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

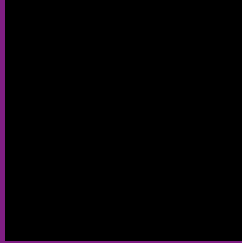
Any Text WCAG AA × Fail

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 801E84 Background



This preview shows how black text looks on a background with the Hex color 801E84.

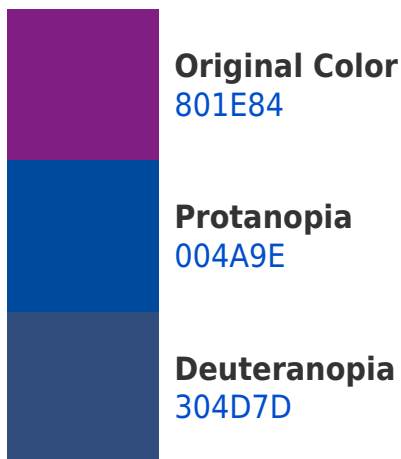



This preview shows how white text looks on a background with the Hex color 801E84.

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](#).

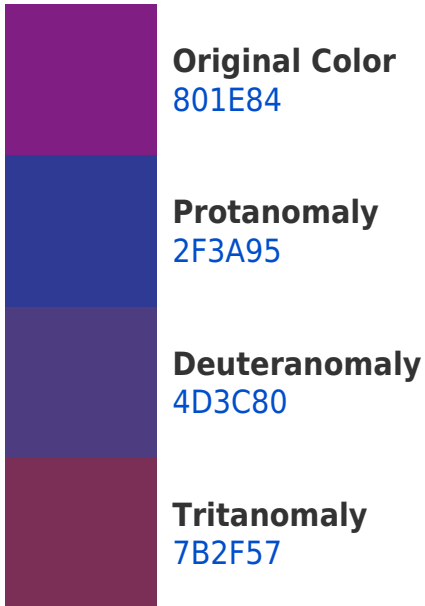
Dichromacy



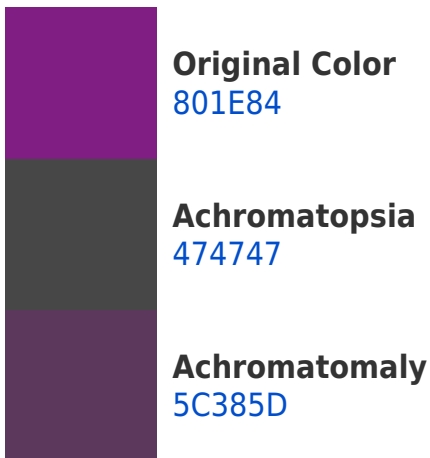


Tritanopia
78393D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 801E84 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 #801E84 looks like.

```
.text, #text, p{  
    color:#801E84  
}
```

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 #801E84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #801E84
}
```

Border

The CSS property to change the border of an element to Hex 801E84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

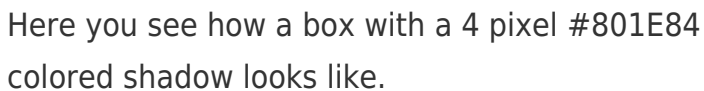
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#801E84 }
```

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

```
.border{ border-color:#801E84 }
```

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



Here you see how a box with a 4 pixel #801E84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #801E84; -webkit-box-shadow:4px 4px  
4px 4px #801E84; box-shadow:4px 4px 4px  
4px #801E84 }
```

Background

The CSS property to change the background color of an element to Hex 801E84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#801E84 }
```

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

```
.background{ background-color:#801E84 }
```

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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