

Converting Colors

Hex(810195)

Have a look what the booklet for
Hex(810195) contains.

Hex(810195)	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(810195)

Conversions

Conversions Part 1

Format	Color
Hex	810195
RGB	129, 1, 149
RGB Percent	51%, 0%, 58%
CMY	0.4941, 0.9961, 0.4157
CMYK	0.13, 0.99, 0.00, 0.42
HSL	292°, 99%, 29%
HSV	292°, 99%, 58%
XYZ	14.4889, 6.8588, 28.9940
YIQ	56.1440, 28.7800, 73.1640

Conversions

Conversions Part 2

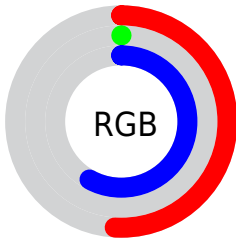
Format	Color
R_{YB}	129, 1, 149
Decimal	8454549
CIE _{Lab}	31.48, 62.43, -46.80
CIE _{LCh}	31, 78.024, 323.141
Yxy	6.8588, 0.2878, 0.1362
Android (android.graphics.Color)	4286644629 (0xFF810195)
YUV	56.1440, 45.7780, 63.8947
Hunter-Lab	26.1892, 52.9222, -47.3072

Details

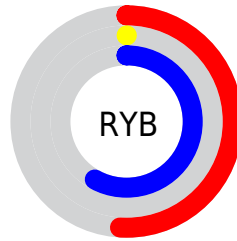
The Hex color **810195** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **159501**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **BA4ACC**, and **4A0061** is the 20% darker color. If you saturate the color by 10%, you get **810095**, and if you desaturate by 10%, it is **831095**.

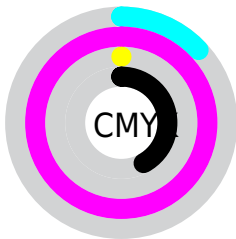
Distribution



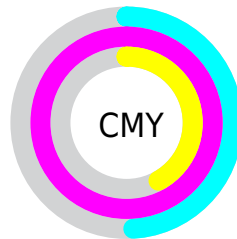
- Red (51%)
- Green (0%)
- Blue (58%)



- Red (51%)
- Yellow (0%)
- Blue (58%)



- Cyan (13%)
- Magenta (99%)
- Yellow (0%)
- Black (42%)



- Cyan (49%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 810195 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 810195 by changing the saturation by 10% instead.

 810195

 810195

FFFFFF

 65007B

 BA4ACC

 4A0061

 D766E8

 310049

 F482FF

 120031

 FF9EFF


 00011B

 FFBAFF

 000000

 FFD7FF

 FFF4FF

 810195

 810195

■ 810095

■ 831095

■ 851F95

■ 872E95

■ 893D95

■ 8B4B95

■ 8D5A95

■ 8F6995

■ 917895

■ 938795

Harmonies

Analogous

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



0041BE



810195



A9005B

Triad

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



810195



674300



006179

Complementary

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



810195



159501

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.



005F3A



810195



2B5500

Square

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



810195



921C00



005C00



0060AD

Rectangle

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



810195



AE0033



005C00



006165

Sweetspot

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



810195



BA88C2



011795



5C3E61



E0E0E0



616161

Same Dimension

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



810195



A800C2



950161



49434A



77008A



09000A

Inverse Universe

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



950115



C2001A



019535



4A4344



8A0013



0A0001

Previews

White Background



This preview shows how the Hex color 810195 looks on a white background.

Color Contrast Check

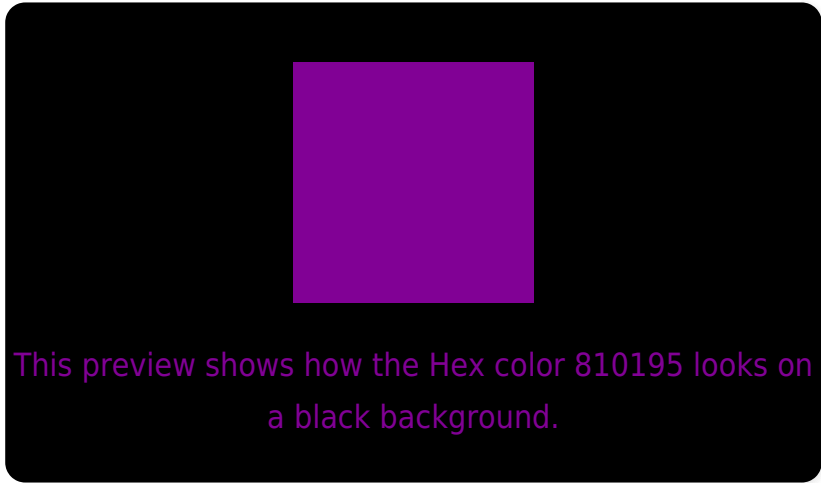
Large Text (above 18pt) WCAG AA ✓ Pass

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

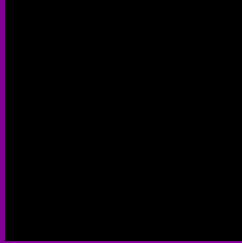
Any Text WCAG AA × Fail

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 810195 Background



This preview shows how black text looks on a background with the Hex color 810195.



This preview shows how white text looks on a background with the Hex color 810195.

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



Original Color
810195

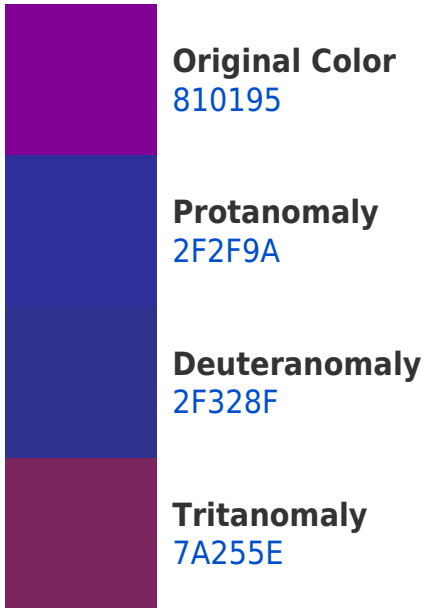
Protanopia
004A9D

Deuteranopia
004E8B

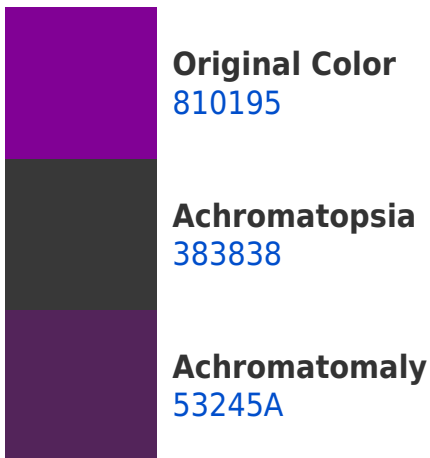


Tritanopia
763A3F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 810195 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 #810195 looks like.

```
.text, #text, p{  
    color:#810195  
}
```

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 #810195 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #810195
}
```

Border

The CSS property to change the border of an element to Hex 810195 is called "border". The border property can be set on classes, ids or directly on the HTML element.

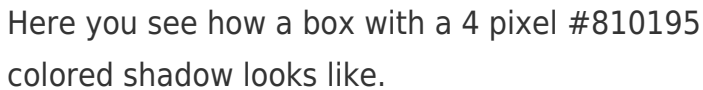
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#810195 }
```

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

```
.border{ border-color:#810195 }
```

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



Here you see how a box with a 4 pixel #810195 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #810195; -webkit-box-shadow:4px 4px  
4px 4px #810195; box-shadow:4px 4px 4px  
4px #810195 }
```

Background

The CSS property to change the background color of an element to Hex 810195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#810195 }
```

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

```
.background{ background-color:#810195 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor