

# Converting Colors

Hex(810B55)

Have a look what the booklet for  
Hex(810B55) contains.

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**Color**

**Hex(810B55)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	810B55
RGB	129, 11, 85
RGB Percent	51%, 4%, 33%
CMY	0.4941, 0.9569, 0.6667
CMYK	0.00, 0.91, 0.34, 0.49
HSL	322°, 84%, 27%
HSV	322°, 91%, 51%
XYZ	10.8126, 5.5623, 9.0981
YIQ	54.7180, 46.5740, 48.0300

# Conversions

## Conversions Part 2

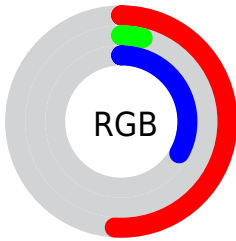
Format	Color
<b>R<sub>YB</sub></b>	129, 11, 85
Decimal	8457045
CIE Lab	28.28, 51.41, -11.09
CIE LCh	28, 52.590, 347.825
Yxy	5.5623, 0.4245, 0.2184
Android (android.graphics.Color)	4286647125 (0xFF810B55)
YUV	54.7180, 14.9290, 65.1453
Hunter-Lab	23.5846, 40.5621, -6.3627

# Details

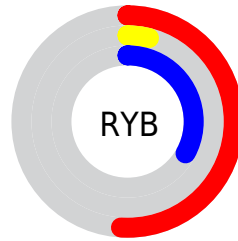
The Hex color **810B55** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **0B8137**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **BA4A87**, and **4B0028** is the 20% darker color. If you saturate the color by 10%, you get **810051**, and if you desaturate by 10%, it is **81185A**.

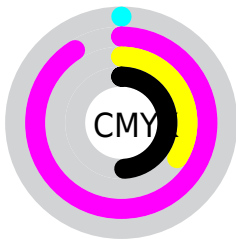
# Distribution



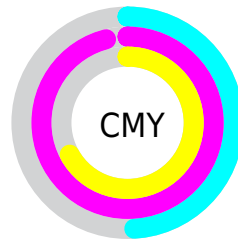
- Red (51%)
- Green (4%)
- Blue (33%)



- Red (51%)
- Yellow (4%)
- Blue (33%)



- Cyan (0%)
- Magenta (91%)
- Yellow (34%)
- Black (49%)



- Cyan (49%)
- Magenta (96%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 810B55 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 810B55 by changing the saturation by 10% instead.



 810B55

 810B55

FFFFFF

 66003E

 BA4A87

 4B0028

 D765A1

 330013

 F480BC

 020000

 FF9BD8

 000000

 FFB7F4

 FFD4FF

 FFF1FF

 810B55

 810B55

■ 810051

■ 81185A

■ 81255F

■ 813263

■ 813F68

■ 814C6D

■ 815872

■ 816577

■ 81727B

■ 817F80

# Harmonies

## Analogous

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



612A7A



810B55



88082D

# Triad

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



810B55



3D4800



00527F

# Complementary

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



810B55



0B8137

# 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.



00545B



810B55



004F00

# Square

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



810B55



603B00



005330



004D93

# Rectangle

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



810B55



811D13



005330



005374



# Sweetspot

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



810B55



A87B97



360B81



54394A



D4D4D4



545454



# Same Dimension

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



810B55



A8006A



810B1B



40393D



800050



000000



# Inverse Universe

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



810B55



A8006A



0B8171



40393D



800050

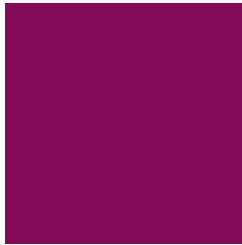


000000



# Previews

## White Background



This preview shows how the Hex color 810B55 looks on a white background.

## Color Contrast Check

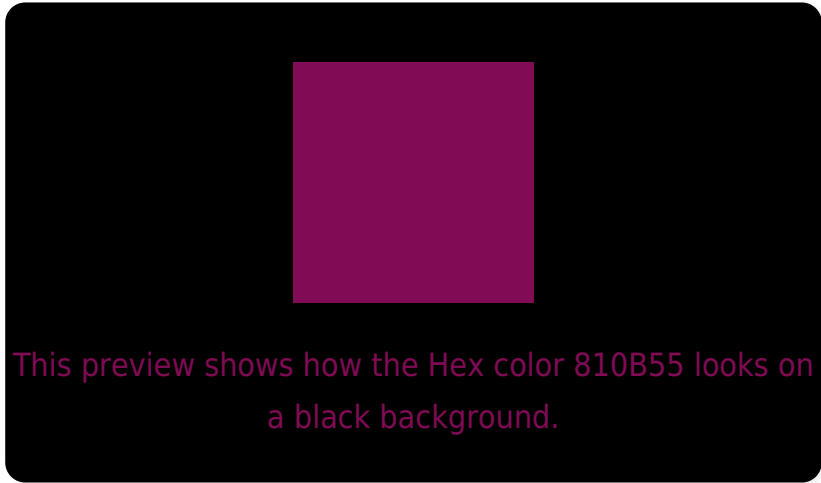
Large Text (above 18pt) WCAG AA ✓ Pass

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

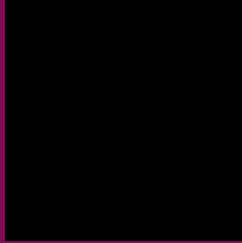
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 810B55 Background



This preview shows how black text looks on a background with the Hex color 810B55.

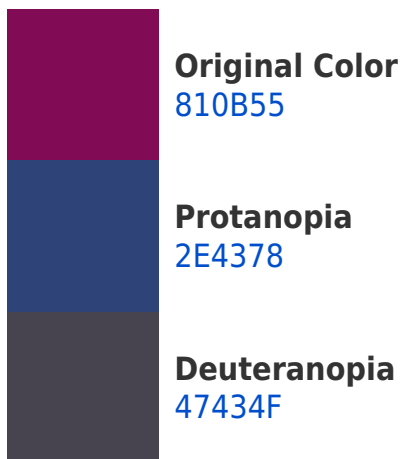



This preview shows how white text looks on a background with the Hex color 810B55.

# 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**  
7E2324

# Trichromacy



**Original Color**  
810B55

**Protanomaly**  
4C2F6B

**Deuteranomaly**  
5C2F51

**Tritanomaly**  
7F1A36

# Monochromacy



**Original Color**  
810B55

**Achromatopsia**  
373737

**Achromatomaly**  
522742

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 810B55 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 #810B55 looks like.

```
.text, #text, p{  
    color:#810B55  
}
```

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 #810B55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #810B55  
}
```

## Border

The CSS property to change the border of an element to Hex 810B55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

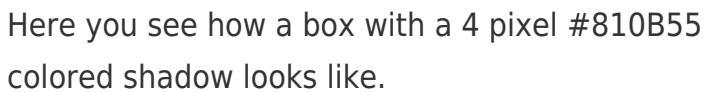
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#810B55 }
```

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

```
.border{ border-color:#810B55 }
```

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



Here you see how a box with a 4 pixel #810B55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #810B55; -webkit-box-shadow:4px 4px  
4px 4px #810B55; box-shadow:4px 4px 4px  
4px #810B55 }
```

# Background

The CSS property to change the background color of an element to Hex 810B55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#810B55 }
```

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

```
.background{ background-color:#810B55 }
```

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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