

Converting Colors

Hex(810BB1)

Have a look what the booklet for
Hex(810BB1) contains.

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Color

Hex(810BB1)

Conversions

Conversions Part 1

Format	Color
Hex	810BB1
RGB	129, 11, 177
RGB Percent	51%, 4%, 69%
CMY	0.4941, 0.9569, 0.3059
CMYK	0.27, 0.94, 0.00, 0.31
HSL	283°, 88%, 37%
HSV	283°, 94%, 69%
XYZ	17.1087, 8.0808, 42.2530
YIQ	65.2060, 17.0420, 76.6420

Conversions

Conversions Part 2

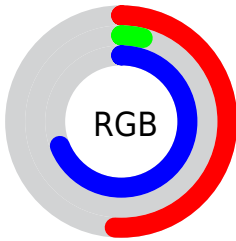
Format	Color
R_{YB}	129, 11, 177
Decimal	8457137
CIE _{Lab}	34.15, 66.15, -59.41
CIE _{LCh}	34, 88.912, 318.069
Yxy	8.0808, 0.2537, 0.1198
Android (android.graphics.Color)	4286647217 (0xFF810BB1)
YUV	65.2060, 55.1144, 55.9473
Hunter-Lab	28.4267, 57.6841, -68.2289

Details

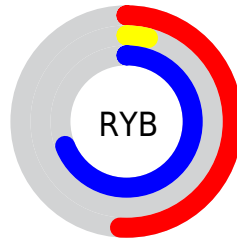
The Hex color **810BB1** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **3BB10B**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **BB50EA**, and **48007B** is the 20% darker color. If you saturate the color by 10%, you get **7E00B1**, and if you desaturate by 10%, it is **861DB1**.

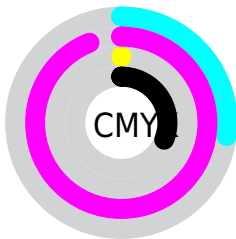
Distribution



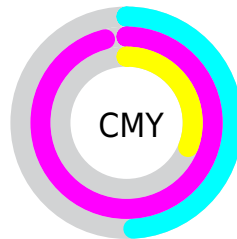
- Red (51%)
- Green (4%)
- Blue (69%)



- Red (51%)
- Yellow (4%)
- Blue (69%)



- Cyan (27%)
- Magenta (94%)
- Yellow (0%)
- Black (31%)




- Cyan (49%)
- Magenta (96%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 810BB1 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 810BB1 by changing the saturation by 10% instead.

 810BB1

 810BB1

FFFFFF

 650096

 BB50EA

 48007B

 D86CFF

 2B0061

 F687FF

 060049

 FFA4FF

 000431

 FFC0FF

 00011B

 FFDDFF

 000000

 FFFBFF

 810BB1

 810BB1

■ 7E0B1

■ 861DB1

■ 8B2EB1

■ 9040B1

■ 9552B1

■ 9B64B1

■ A075B1

■ A587B1

■ AA99B1

■ AFAAB1

Harmonies

Analogous

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



004CDB



810BB1



B90070

Triad

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



810BB1



7A4300



006A7B

Complementary

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



810BB1



3BB10B

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.



006830



810BB1



395A00

Square

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



810BB1



A80000



006400



006ABB

Rectangle

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



810BB1



C20042



006400



006963

Sweetspot

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



810BB1



D3A5E6



0B3DB1



674C73



F2F2F2



737373

Same Dimension

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



810BB1



A300E6



B10B90



575059



6D0099



12001A

Inverse Universe

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



B10B3B



E60042



0BB12C



595053



99002C



1A0007

Previews

White Background



This preview shows how the Hex color 810BB1 looks on a white background.

Color Contrast Check

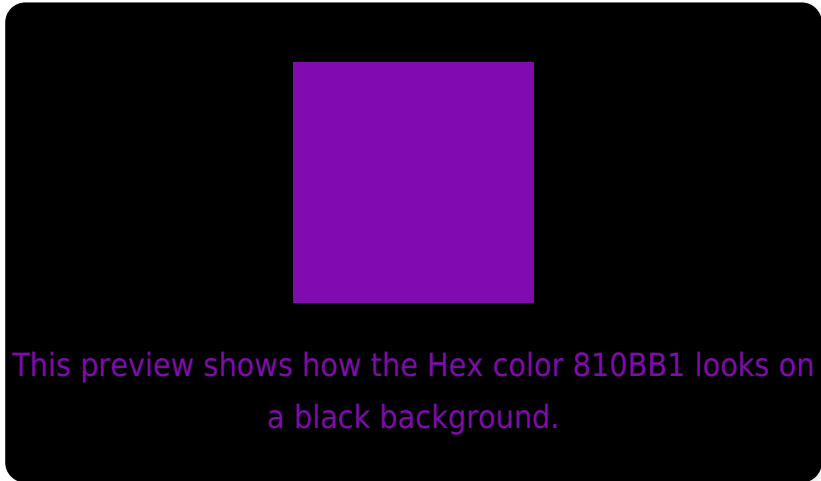
Large Text (above 18pt) WCAG AA ✓ Pass

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

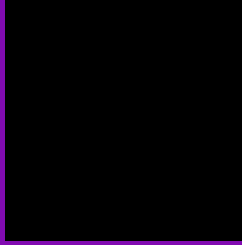
Any Text WCAG AA × Fail

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 810BB1 Background



This preview shows how black text looks on a background with the Hex color 810BB1.



This preview shows how white text looks on a background with the Hex color 810BB1.

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
810BB1

Protanopia
004FA7

Deuteranopia
005491



Tritanopia
70464B

Trichromacy



Original Color
810BB1



Protanomaly
2F36AB



Deuteranomaly
2F399D



Tritanomaly
763170

Monochromacy



Original Color
810BB1



Achromatopsia
414141



Achromatomaly
582D6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 810BB1 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 #810BB1 looks like.

```
.text, #text, p{  
    color:#810BB1  
}
```

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 #810BB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #810BB1
}
```

Border

The CSS property to change the border of an element to Hex 810BB1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

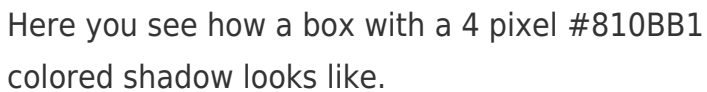
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#810BB1 }
```

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

```
.border{ border-color:#810BB1 }
```

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



Here you see how a box with a 4 pixel #810BB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #810BB1; -webkit-box-shadow:4px 4px  
4px 4px #810BB1; box-shadow:4px 4px 4px  
4px #810BB1 }
```

Background

The CSS property to change the background color of an element to Hex 810BB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#810BB1 }
```

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

```
.background{ background-color:#810BB1 }
```

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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