

Converting Colors

Hex(4811B8)

Have a look what the booklet for
Hex(4811B8) contains.

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Color

Hex(4811B8)

Conversions

Conversions Part 1

Format	Color
Hex	4811B8
RGB	72, 17, 184
RGB Percent	28%, 7%, 72%
CMY	0.7176, 0.9333, 0.2784
CMYK	0.61, 0.91, 0.00, 0.28
HSL	260°, 83%, 39%
HSV	260°, 91%, 72%
XYZ	11.5247, 5.2393, 45.7513
YIQ	52.4830, -20.8270, 63.5970

Conversions

Conversions Part 2

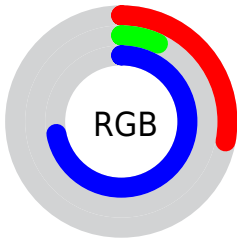
Format	Color
R_{YB}	72, 17, 184
Decimal	4723128
CIE _{Lab}	27.41, 60.38, -74.96
CIE _{LCh}	27, 96.256, 308.851
Yxy	5.2393, 0.1843, 0.0838
Android (android.graphics.Color)	4282913208 (0xFF4811B8)
YUV	52.4830, 64.8379, 17.1164
Hunter-Lab	22.8895, 49.8164, -102.4853

Details

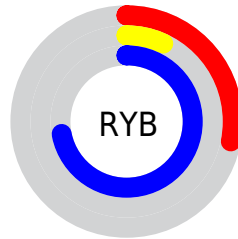
The Hex color **4811B8** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **81B811**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **864AF1**, and **000081** is the 20% darker color. If you saturate the color by 10%, you get **3D00B8**, and if you desaturate by 10%, it is **5423B8**.

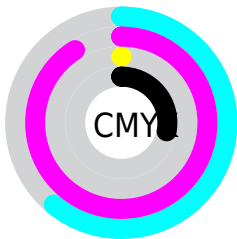
Distribution



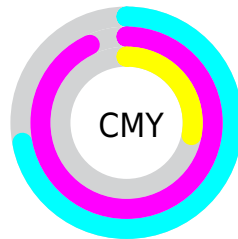
- Red (28%)
- Green (7%)
- Blue (72%)



- Red (28%)
- Yellow (7%)
- Blue (72%)



- Cyan (61%)
- Magenta (91%)
- Yellow (0%)
- Black (28%)



- Cyan (72%)
- Magenta (93%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4811B8 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 4811B8 by changing the saturation by 10% instead.

4811B8

4811B8

FFFFFF

21009C

864AF1

000081

A464FF

000067

C27FFF

00054E

E19AFF

000536

FFB6FF

000220

FFD2FF

000004

FFEFFF

000000

4811B8

4811B8

■ 3D00B8

■ 5423B8

■ 6136B8

■ 6D48B8

■ 795BB8

■ 866DB8

■ 927FB8

■ 9E92B8

■ ABA4B8

■ B7B7B8

Harmonies

Analogous

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



0048DA



4811B8



A00078

Triad

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



4811B8



782400



005856

Complementary

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



4811B8



81B811

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.



005500



4811B8



3C4600

Square

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



4811B8



A20000



005100



005A9F

Rectangle

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



4811B8



B30048



005100



00573C

Sweetspot

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



4811B8



C4AFF0



1183B8



5E5178



F7F7F7



787878

Same Dimension

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



4811B8



4F00F0



9911B8



56535C



33009C



09001C

Inverse Universe

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



B81181



F000A1



30B811



5C5359



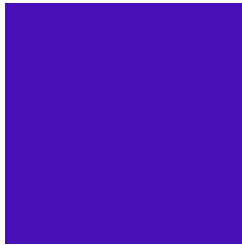
9C0068



1C0013

Previews

White Background



This preview shows how the Hex color 4811B8 looks on a white background.

Color Contrast Check

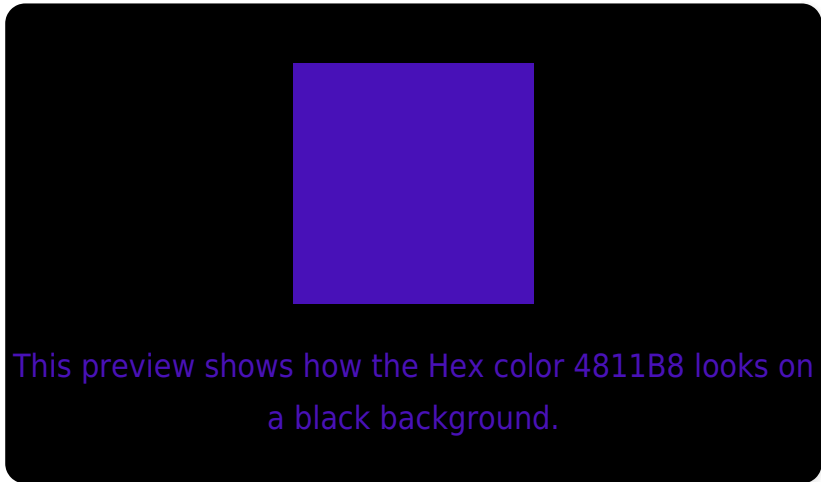
Large Text (above 18pt) WCAG AA ✓ Pass

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

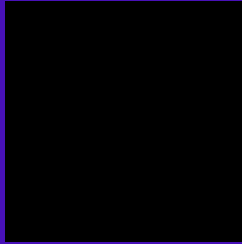
Any Text WCAG AA × Fail

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 4811B8 Background



This preview shows how black text looks on a background with the Hex color 4811B8.

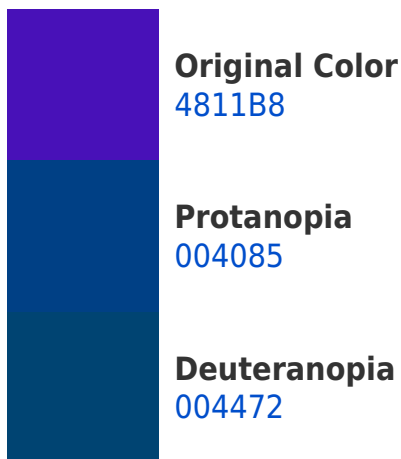



This preview shows how white text looks on a background with the Hex color 4811B8.

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
0E494F

Trichromacy



Original Color
4811B8

Protanomaly
1A2F98

Deuteranomaly
1A318B

Tritanomaly
233575

Monochromacy



Original Color
4811B8

Achromatopsia
343434

Achromatomaly
3B2764

CSS Examples

Text

The CSS property to change the color of the text to Hex 4811B8 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 #4811B8 looks like.

```
.text, #text, p{  
    color:#4811B8  
}
```

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 #4811B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4811B8
}
```

Border

The CSS property to change the border of an element to Hex 4811B8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

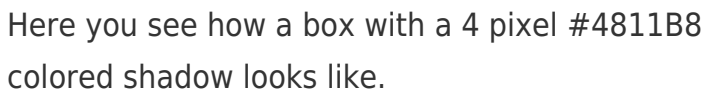
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4811B8 }
```

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

```
.border{ border-color:#4811B8 }
```

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



Here you see how a box with a 4 pixel #4811B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4811B8; -webkit-box-shadow:4px 4px  
4px 4px #4811B8; box-shadow:4px 4px 4px  
4px #4811B8 }
```

Background

The CSS property to change the background color of an element to Hex 4811B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4811B8 }
```

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

```
.background{ background-color:#4811B8 }
```

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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