

Converting Colors

Hex(4801AE)

Have a look what the booklet for
Hex(4801AE) contains.

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Color

Hex(4801AE)

Conversions

Conversions Part 1

Format	Color
Hex	4801AE
RGB	72, 1, 174
RGB Percent	28%, 0%, 68%
CMY	0.7176, 0.9961, 0.3176
CMYK	0.59, 0.99, 0.00, 0.32
HSL	265°, 99%, 34%
HSV	265°, 99%, 68%
XYZ	10.3233, 4.4554, 40.3603
YIQ	41.9510, -13.2170, 68.8550

Conversions

Conversions Part 2

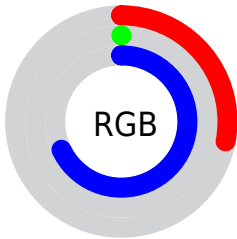
Format	Color
R_{YB}	72, 1, 174
Decimal	4719022
CIE Lab	25.12, 61.30, -72.77
CIE LCh	25, 95.148, 310.114
Yxy	4.4554, 0.1872, 0.0808
Android (android.graphics.Color)	4282909102 (0xFF4801AE)
YUV	41.9510, 65.1002, 26.3530
Hunter-Lab	21.1079, 50.3611, -98.5927

Details

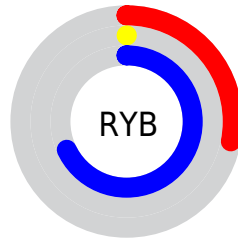
The Hex color **4801AE** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **67AE01**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **8542E7**, and **000078** is the 20% darker color. If you saturate the color by 10%, you get **4700AE**, and if you desaturate by 10%, it is **5212AE**.

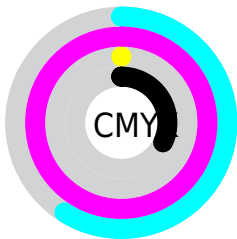
Distribution



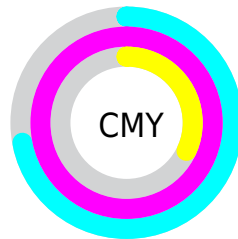
- Red (28%)
- Green (0%)
- Blue (68%)



- Red (28%)
- Yellow (0%)
- Blue (68%)



- Cyan (59%)
- Magenta (99%)
- Yellow (0%)
- Black (32%)



- Cyan (72%)
- Magenta (100%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4801AE 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 4801AE by changing the saturation by 10% instead.

 4801AE

 4801AE

FFFFFF

 230093

 8542E7

 000078

 A35CFF

 00005E

 C177FF

 000845

 DF92FF

 00042E

 FDAEFF

 000118

 FFCAFF

 000000

 FFE7FF

 4801AE

 4801AE

■ 4700AE

■ 5212AE

■ 5D24AE

■ 6735AE

■ 7147AE

■ 7B58AE

■ 8669AE

■ 907BAE

■ 9A8CAE

■ A49EAE

Harmonies

Analogous

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



0042D1



4801AE



9A006E

Triad

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



4801AE



6F2200



005254

Complementary

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



4801AE



67AE01

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.



005000



4801AE



334100

Square

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



4801AE



990000



004C00



00549A

Rectangle

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



4801AE



AB003F



004C00



00513A

Sweetspot

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



4801AE



BB9FE3



0169AE



5A4973



F2F2F2



737373

Same Dimension

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



4801AE



5D00E3



9D01AE



524E57



3E0096



090017

Inverse Universe

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



AE0167



E30086



12AE01



574E53



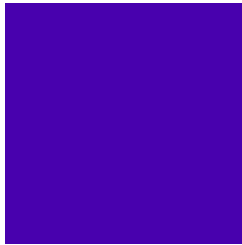
960059



17000E

Previews

White Background



This preview shows how the Hex color 4801AE looks on a white background.

Color Contrast Check

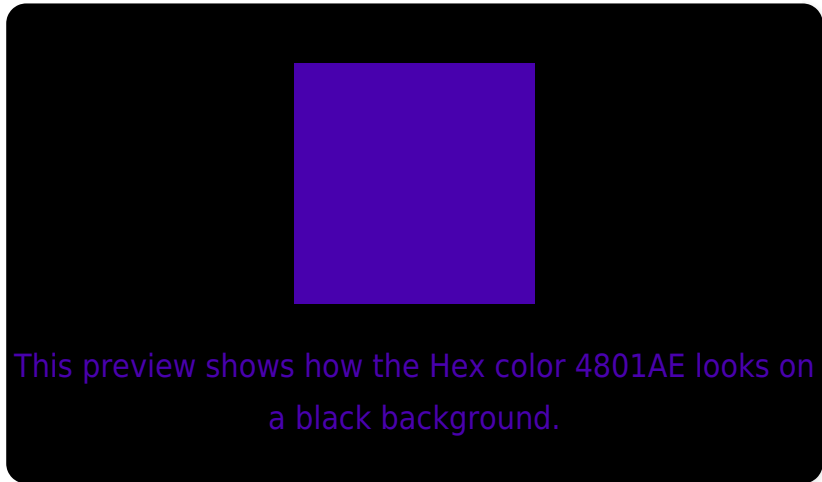
Large Text (above 18pt) WCAG AA ✓ Pass

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

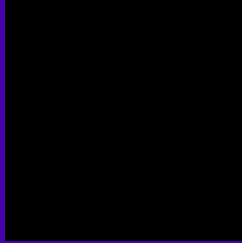
Any Text WCAG AA × Fail

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 4801AE Background



This preview shows how black text looks on a background with the Hex color 4801AE.



This preview shows how white text looks on a background with the Hex color 4801AE.

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
1D4449

Trichromacy



Original Color
4801AE

Protanomaly
1A278F

Deuteranomaly
1A2983

Tritanomaly
2D2C6E

Monochromacy



Original Color
4801AE

Achromatopsia
2A2A2A

Achromatomaly
351B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4801AE 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 #4801AE looks like.

```
.text, #text, p{  
    color:#4801AE  
}
```

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 #4801AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4801AE
}
```

Border

The CSS property to change the border of an element to Hex 4801AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

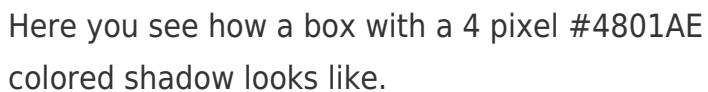
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4801AE }
```

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

```
.border{ border-color:#4801AE }
```

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



Here you see how a box with a 4 pixel #4801AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4801AE; -webkit-box-shadow:4px 4px  
4px 4px #4801AE; box-shadow:4px 4px 4px  
4px #4801AE }
```

Background

The CSS property to change the background color of an element to Hex 4801AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4801AE }
```

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

```
.background{ background-color:#4801AE }
```

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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