

Converting Colors

Hex(4800A0)

Have a look what the booklet for
Hex(4800A0) contains.

Hex(4800A0)	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(4800A0)

Conversions

Conversions Part 1

Format	Color
Hex	4800A0
RGB	72, 0, 160
RGB Percent	28%, 0%, 63%
CMY	0.7176, 1.0000, 0.3725
CMYK	0.55, 1.00, 0.00, 0.37
HSL	267°, 100%, 31%
HSV	267°, 100%, 63%
XYZ	9.0177, 3.9158, 33.5382
YIQ	39.7680, -8.4480, 65.0240

Conversions

Conversions Part 2

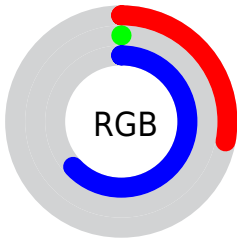
Format	Color
R _Y B	72, 0, 160
Decimal	4718752
CIE Lab	23.39, 58.26, -67.15
CIE LCh	23, 88.901, 310.942
Yxy	3.9158, 0.1940, 0.0843
Android (android.graphics.Color)	4282908832 (0xFF4800A0)
YUV	39.7680, 59.2744, 28.2675
Hunter-Lab	19.7883, 46.7138, -86.6358

Details

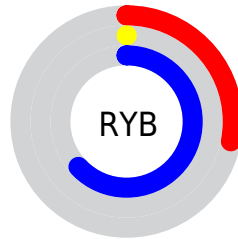
The Hex color **4800A0** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **58A000**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **8340D8**, and **00006B** is the 20% darker color. If you saturate the color by 10%, you get **4800A0**, and if you desaturate by 10%, it is **5110A0**.

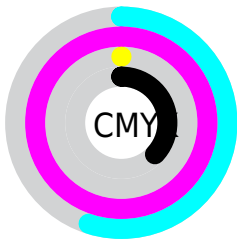
Distribution



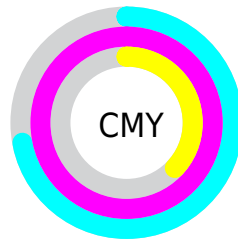
- Red (28%)
- Green (0%)
- Blue (63%)



- Red (28%)
- Yellow (0%)
- Blue (63%)



- Cyan (55%)
- Magenta (100%)
- Yellow (0%)
- Black (37%)



- Cyan (72%)
- Magenta (100%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4800A0 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 4800A0 by changing the saturation by 10% instead.

 4800A0

 4800A0

FFFFFF

 270085

 8340D8

 00006B

 A05AF5

 000052

 BE74FF

 000539

 DB8FFF

 000223

 FAABFF

 00000A

 FFC7FF

 000000

 FFE4FF

 4800A0

■ 5110A0

■ 5A20A0

■ 6230A0

■ 6B40A0

■ 7450A0

■ 7D60A0

■ 8670A0

■ 8E80A0

■ 9790A0

Harmonies

Analogous

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



003DC1



4800A0



900065

Triad

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



4800A0



662100



004D50

Complementary

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



4800A0



58A000

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.



004B02



4800A0



2F3D00

Square

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



4800A0



8D0000



004700



004E91

Rectangle

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



4800A0



9F0039



004700



004C38

Sweetspot

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



4800A0



AF92D1



0058A0



544369



E8E8E8



696969

Same Dimension

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



4800A0



5E00D1



9800A0



4B474F



40008F



07000F

Inverse Universe

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



A00058



D10073



08A000



4F474B



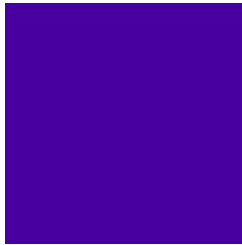
8F004F



0F0008

Previews

White Background



This preview shows how the Hex color 4800A0 looks on a white background.

Color Contrast Check

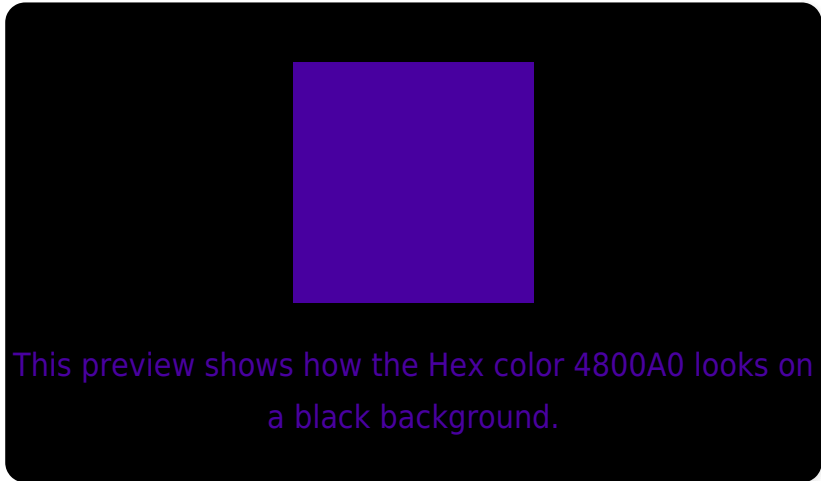
Large Text (above 18pt) WCAG AA ✓ Pass

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

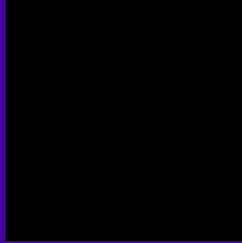
Any Text WCAG AA × Fail

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 4800A0 Background



This preview shows how black text looks on a background with the Hex color 4800A0.



This preview shows how white text looks on a background with the Hex color 4800A0.

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](#).

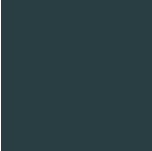
Dichromacy



Original Color
4800A0

Protanopia
003977

Deuteranopia
003D66



Tritanopia
283E43

Trichromacy



Original Color
4800A0

Protanomaly
1A2486

Deuteranomaly
1A277B

Tritanomaly
342765

Monochromacy



Original Color
4800A0

Achromatopsia
282828

Achromatomaly
341954

CSS Examples

Text

The CSS property to change the color of the text to Hex 4800A0 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 #4800A0 looks like.

```
.text, #text, p{  
    color:#4800A0  
}
```

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 #4800A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4800A0
}
```

Border

The CSS property to change the border of an element to Hex 4800A0 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
#4800A0 }
```

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

```
.border{ border-color:#4800A0 }
```

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

Here you see how a box with a 4 pixel #4800A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4800A0; -webkit-box-shadow:4px 4px  
4px 4px #4800A0; box-shadow:4px 4px 4px  
4px #4800A0 }
```

Background

The CSS property to change the background color of an element to Hex 4800A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4800A0 }
```

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

```
.background{ background-color:#4800A0 }
```

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