

Converting Colors

Hex(4840A8)

Have a look what the booklet for
Hex(4840A8) contains.

Hex(4840A8)	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(4840A8)

Conversions

Conversions Part 1

Format	Color
Hex	4840A8
RGB	72, 64, 168
RGB Percent	28%, 25%, 66%
CMY	0.7176, 0.7490, 0.3412
CMYK	0.57, 0.62, 0.00, 0.34
HSL	245°, 45%, 45%
HSV	245°, 62%, 66%
XYZ	11.5738, 7.8717, 37.9552
YIQ	78.2480, -28.6160, 34.0400

Conversions

Conversions Part 2

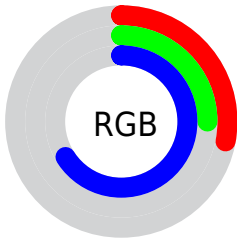
Format	Color
R _Y B	72, 64, 168
Decimal	4735144
CIE Lab	33.71, 33.54, -55.04
CIE LCh	34, 64.457, 301.358
Yxy	7.8717, 0.2016, 0.1371
Android (android.graphics.Color)	4282925224 (0xFF4840A8)
YUV	78.2480, 44.2477, -5.4795
Hunter-Lab	28.0565, 24.5354, -60.5687

Details

The Hex color **4840A8** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A0A840**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **8170E0**, and **001473** is the 20% darker color. If you saturate the color by 10%, you get **382FA8**, and if you desaturate by 10%, it is **5851A8**.

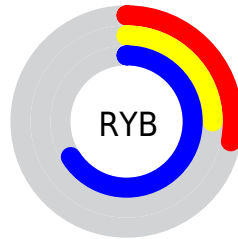
Distribution



Red (28%)

Green (25%)

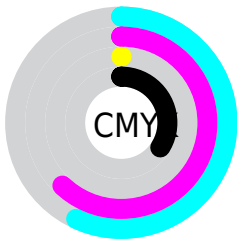
Blue (66%)



Red (28%)

Yellow (25%)

Blue (66%)

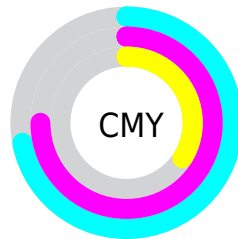


Cyan (57%)

Magenta (62%)

Yellow (0%)

Black (34%)



Cyan (72%)

Magenta (75%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4840A8 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 4840A8 by changing the saturation by 10% instead.

■ 4840A8

■ 4840A8

FFFFFF

■ 292A8D

■ 8170E0

■ 001473

■ 9D8AFD

■ 00005A

■ BAA4FF

■ 000241

■ D7C0FF

■ 00032A

■ F5DCFF

■ 000114

■ FFF8FF

■ 000000

■ 4840A8

■ 4840A8

■ 382FA8

■ 5851A8

■ 291EA8

■ 6762A8

■ 190EA8

■ 7772A8

■ 0D00A8

■ 8683A8

■ 9694A8

■ A5A5A8

■ B5B6A8

■ C4C6A8

■ D4D7A8

Harmonies

Analogous

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



0056B7



4840A8



8C1A81

Triad

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



4840A8



873800



006450

Complementary

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



4840A8



A0A840

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.



006118



4840A8



604E00

Square

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



4840A8



A00E1E



2A5B00



006484

Rectangle

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



4840A8



A00060



2A5B00



00633E

Sweetspot

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



4840A8



B5B2DB



40A1A8



56546E



EDEDED



6E6E6E

Same Dimension

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



4840A8



4639DB



7B40A8



4C4C54



0B0094



020014

Inverse Universe

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



A840A0



DB39CF



6DA840



544C54



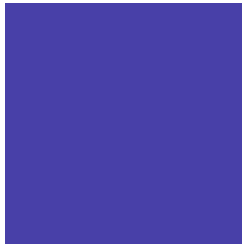
940089



140013

Previews

White Background



This preview shows how the Hex color 4840A8 looks on a white background.

Color Contrast Check

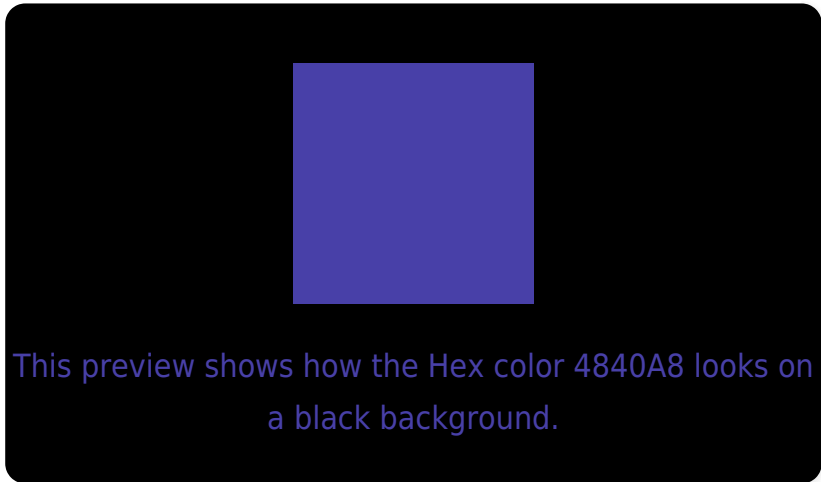
Large Text (above 18pt) WCAG AA ✓ Pass

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

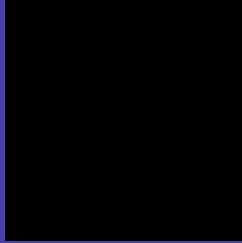
Any Text WCAG AA × Fail

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 4840A8 Background



This preview shows how black text looks on a background with the Hex color 4840A8.

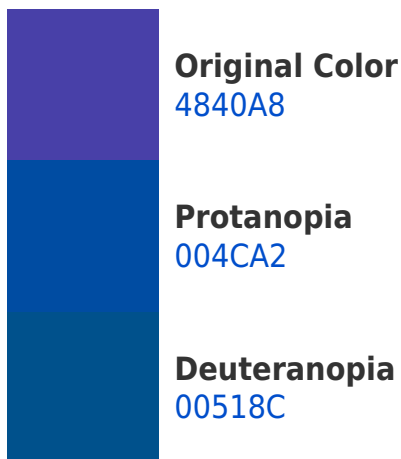


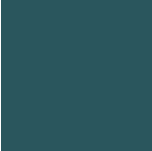
This preview shows how white text looks on a background with the Hex color 4840A8.

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
2A565D

Trichromacy



Original Color
4840A8

Protanomaly
1A48A4

Deuteranomaly
1A4B96

Tritanomaly
354E78

Monochromacy



Original Color
4840A8

Achromatopsia
4E4E4E

Achromatomaly
4C496F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4840A8 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 #4840A8 looks like.

```
.text, #text, p{  
    color:#4840A8  
}
```

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 #4840A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4840A8
}
```

Border

The CSS property to change the border of an element to Hex 4840A8 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
#4840A8 }
```

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

```
.border{ border-color:#4840A8 }
```

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

Here you see how a box with a 4 pixel #4840A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4840A8; -webkit-box-shadow:4px 4px  
4px 4px #4840A8; box-shadow:4px 4px 4px  
4px #4840A8 }
```

Background

The CSS property to change the background color of an element to Hex 4840A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4840A8 }
```

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

```
.background{ background-color:#4840A8 }
```

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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