

Converting Colors

Hex(4A4C80)

Have a look what the booklet for
Hex(4A4C80) contains.

Hex(4A4C80)	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(4A4C80)

Conversions

Conversions Part 1

Format	Color
Hex	4A4C80
RGB	74, 76, 128
RGB Percent	29%, 30%, 50%
CMY	0.7098, 0.7020, 0.4980
CMYK	0.42, 0.41, 0.00, 0.50
HSL	238°, 27%, 40%
HSV	238°, 42%, 50%
XYZ	9.3048, 8.1832, 21.5112
YIQ	81.3300, -17.8840, 15.7480

Conversions

Conversions Part 2

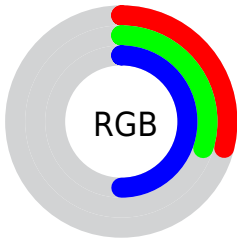
Format	Color
RYB	74, 76, 128
Decimal	4869248
CIELab	34.36, 13.36, -29.65
CIELCh	34, 32.526, 294.261
Yxy	8.1832, 0.2386, 0.2098
Android (android.graphics.Color)	4283059328 (0xFF4A4C80)
YUV	81.3300, 23.0083, -6.4284
Hunter-Lab	28.6064, 7.9994, -24.5600

Details

The Hex color **4A4C80** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **807E4A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7D7DB5**, and **18204E** is the 20% darker color. If you saturate the color by 10%, you get **3D4080**, and if you desaturate by 10%, it is **575880**.

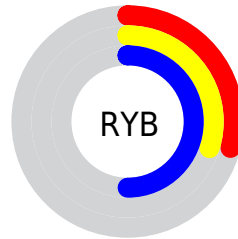
Distribution



Red (29%)

Green (30%)

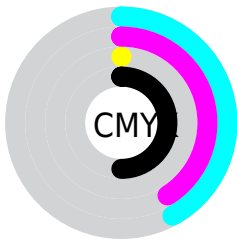
Blue (50%)



Red (29%)

Yellow (30%)

Blue (50%)

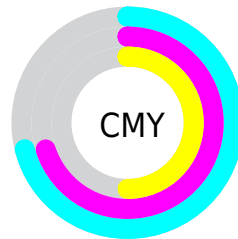


Cyan (42%)

Magenta (41%)

Yellow (0%)

Black (50%)



Cyan (71%)

Magenta (70%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4C80 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 4A4C80 by changing the saturation by 10% instead.



4A4C80



4A4C80

FFFFFF



313567



7D7DB5



18204E



9897D1



000A37



B3B1ED



000221



CFCDFE



000007



ECE9FF



000000



4A4C80



4A4C80



3D4080



575880



303380



646580

■ 242780

■ 707180

■ 171B80

■ 7D7D80

■ 0A0E80

■ 8A8A80

■ 000580

■ 979680

■ A4A280

■ B0AF80

■ BDBB80

Harmonies

Analogous

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



015584



4A4C80



6C426F

Triad

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



4A4C80



774427



005D4B

Complementary

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



4A4C80



807E4A

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.



2B5B31



4A4C80



644E1B

Square

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



4A4C80



803C3D



4B561F



005D65

Rectangle

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



4A4C80



793C60



4B561F



005D42

Sweetspot

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



4A4C80



9091A6



4A807D



474754



D4D4D4



545454

Same Dimension

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



4A4C80



5154A6



624A80



393A40



000580



000000

Inverse Universe

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



804A4C



A65154



68804A



40393A



800005



000000

Previews

White Background



This preview shows how the Hex color 4A4C80 looks on a white background.

Color Contrast Check

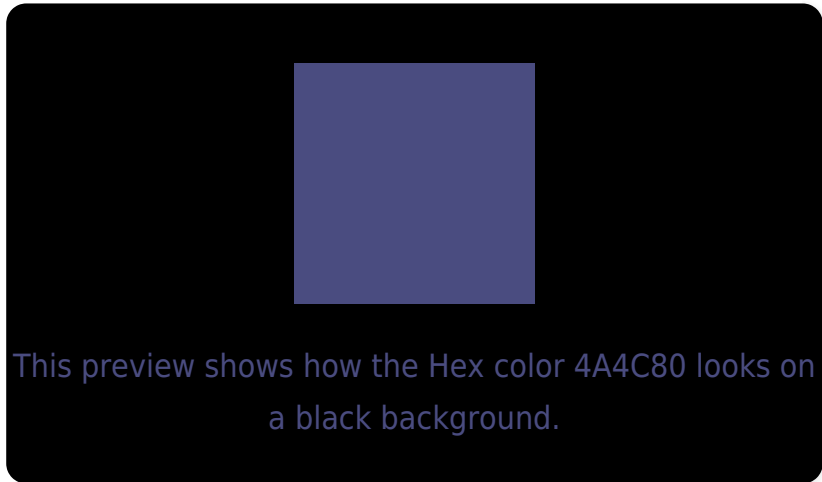
Large Text (above 18pt) WCAG AA ✓ Pass

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

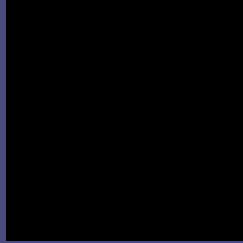
Any Text WCAG AA × Fail

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 4A4C80 Background



This preview shows how black text looks on a background with the Hex color 4A4C80.



This preview shows how white text looks on a background with the Hex color 4A4C80.

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

4A4C80

Protanopia

3C4F83

Deuteranopia

38517F



Tritanopia
40545B

Trichromacy



Original Color
4A4C80

Protanomaly
414E82

Deuteranomaly
3F4F7F

Tritanomaly
445168

Monochromacy



Original Color
4A4C80

Achromatopsia
515151

Achromatomaly
4E4F62

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4C80 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 #4A4C80 looks like.

```
.text, #text, p{  
    color:#4A4C80  
}
```

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 #4A4C80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4C80
}
```

Border

The CSS property to change the border of an element to Hex 4A4C80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

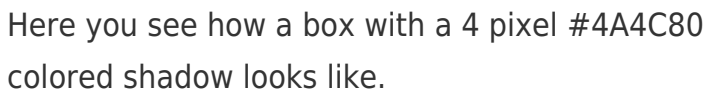
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A4C80 }
```

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

```
.border{ border-color:#4A4C80 }
```

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



Here you see how a box with a 4 pixel #4A4C80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4C80; -webkit-box-shadow:4px 4px  
4px 4px #4A4C80; box-shadow:4px 4px 4px  
4px #4A4C80 }
```

Background

The CSS property to change the background color of an element to Hex 4A4C80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4C80 }
```

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

```
.background{ background-color:#4A4C80 }
```

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