

Converting Colors

Hex(4A3980)

Have a look what the booklet for
Hex(4A3980) contains.

Hex(4A3980)	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(4A3980)

Conversions

Conversions Part 1

Format	Color
Hex	4A3980
RGB	74, 57, 128
RGB Percent	29%, 22%, 50%
CMY	0.7098, 0.7765, 0.4980
CMYK	0.42, 0.55, 0.00, 0.50
HSL	254°, 38%, 36%
HSV	254°, 55%, 50%
XYZ	8.1834, 5.9406, 21.1374
YIQ	70.1770, -12.6590, 25.6850

Conversions

Conversions Part 2

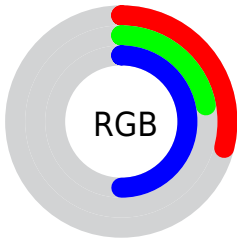
Format	Color
R_{YB}	74, 57, 128
Decimal	4864384
CIE _{Lab}	29.26, 25.69, -37.77
CIE _{LCh}	29, 45.676, 304.224
Yxy	5.9406, 0.2321, 0.1685
Android (android.graphics.Color)	4283054464 (0xFF4A3980)
YUV	70.1770, 28.5067, 3.3528
Hunter-Lab	24.3734, 17.2786, -34.3569

Details

The Hex color **4A3980** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6F8039**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7E69B5**, and **150E4E** is the 20% darker color. If you saturate the color by 10%, you get **402C80**, and if you desaturate by 10%, it is **544680**.

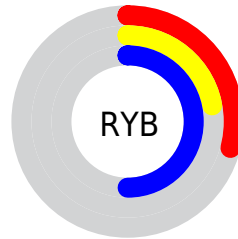
Distribution



Red (29%)

Green (22%)

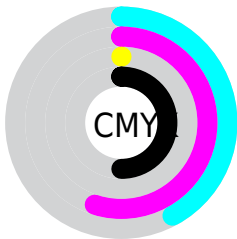
Blue (50%)



Red (29%)

Yellow (22%)

Blue (50%)

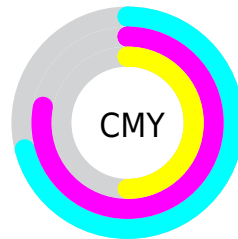


Cyan (42%)

Magenta (55%)

Yellow (0%)

Black (50%)



Cyan (71%)

Magenta (78%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A3980 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 4A3980 by changing the saturation by 10% instead.

■ 4A3980

■ 4A3980

FFFFFF

■ 302367

■ 7E69B5

■ 150E4E

■ 9982D1

■ 000037

■ B59CEE

■ 000220

■ D1B7FF

■ 000005

■ EED3FF

■ 000000

■ FFEFFF

■ 4A3980

■ 4A3980

■ 402C80

■ 544680

■ 371F80

■ 5D5380

■ 2D1380

■ 675F80

■ 230680

■ 716C80

■ 1F0080

■ 7B7980

■ 848680

■ 8E9380

■ 989F80

■ A2AC80

Harmonies

Analogous

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



00488C



4A3980



722664

Triad

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



4A3980



6C3700



005549

Complementary

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



4A3980



6F8039

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.



005324



4A3980



504500

Square

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



4A3980



7E261F



2B4E00



00546C

Rectangle

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



4A3980



7F1D4D



2B4E00



00543D

Sweetspot

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



4A3980



908AA6



396F80



474354



D4D4D4



545454

Same Dimension

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



4A3980



5137A6



6D3980



3B3940



1F0080



000000

Inverse Universe

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



80396F



A6378B



4C8039



40393E



800061



000000

Previews

White Background



This preview shows how the Hex color 4A3980 looks on a white background.

Color Contrast Check

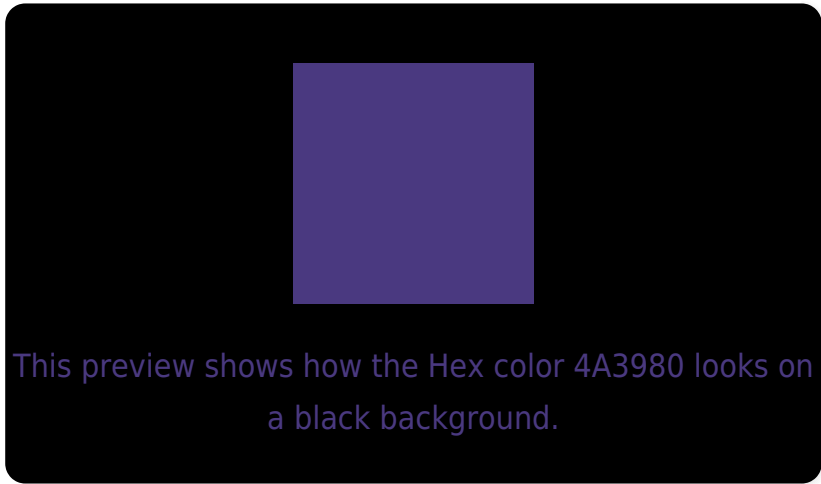
Large Text (above 18pt) WCAG AA ✓ Pass

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 4A3980 Background



This preview shows how black text looks on a background with the Hex color 4A3980.



This preview shows how white text looks on a background with the Hex color 4A3980.

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](#).

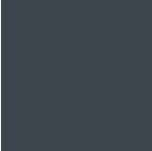
Dichromacy



Original Color
4A3980

Protanopia
15438A

Deuteranopia
00467D



Tritanopia
3D464C

Trichromacy



Original Color
4A3980

Protanomaly
283F86

Deuteranomaly
1B417E

Tritanomaly
42415F

Monochromacy



Original Color
4A3980

Achromatopsia
464646

Achromatomaly
47415B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A3980 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 #4A3980 looks like.

```
.text, #text, p{  
    color:#4A3980  
}
```

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 #4A3980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A3980
}
```

Border

The CSS property to change the border of an element to Hex 4A3980 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
#4A3980 }
```

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

```
.border{ border-color:#4A3980 }
```

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

Here you see how a box with a 4 pixel #4A3980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A3980; -webkit-box-shadow:4px 4px  
4px 4px #4A3980; box-shadow:4px 4px 4px  
4px #4A3980 }
```

Background

The CSS property to change the background color of an element to Hex 4A3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A3980 }
```

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

```
.background{ background-color:#4A3980 }
```

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