

# Converting Colors

Hex(4F3D80)

Have a look what the booklet for  
Hex(4F3D80) contains.

<b>Hex(4F3D80)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(4F3D80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F3D80
RGB	79, 61, 128
RGB Percent	31%, 24%, 50%
CMY	0.6902, 0.7608, 0.4980
CMYK	0.38, 0.52, 0.00, 0.50
HSL	256°, 35%, 37%
HSV	256°, 52%, 50%
XYZ	8.7895, 6.5583, 21.2247
YIQ	74.0200, -10.7790, 24.6530

# Conversions

## Conversions Part 2

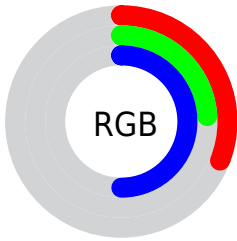
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 61, 128
Decimal	5193088
CIE <sub>Lab</sub>	30.78, 24.47, -35.31
CIE <sub>LCh</sub>	31, 42.961, 304.723
Yxy	6.5583, 0.2403, 0.1793
Android (android.graphics.Color)	4283383168 (0xFF4F3D80)
YUV	74.0200, 26.6121, 4.3675
Hunter-Lab	25.6091, 16.4482, -31.2129

# Details

The Hex color **4F3D80** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6E803D**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **836DB5**, and **1C124E** is the 20% darker color. If you saturate the color by 10%, you get **463080**, and if you desaturate by 10%, it is **584A80**.

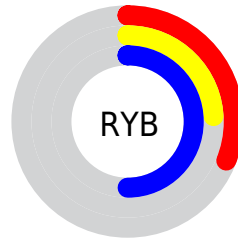
# Distribution



Red (31%)

Green (24%)

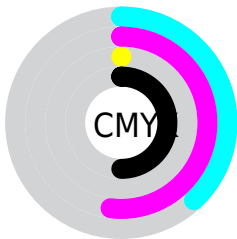
Blue (50%)



Red (31%)

Yellow (24%)

Blue (50%)

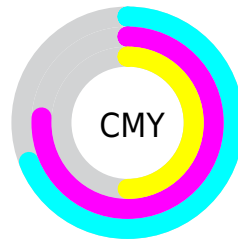


Cyan (38%)

Magenta (52%)

Yellow (0%)

Black (50%)



Cyan (69%)

Magenta (76%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F3D80 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 4F3D80 by changing the saturation by 10% instead.



■ 4F3D80

■ 4F3D80

FFFFFF

■ 362767

■ 836DB5

■ 1C124E

■ 9E86D1

■ 090037

■ B9A1EE

■ 000221

■ D5BCFF

■ 000005

■ F2D8FF

■ 000000

■ FFF4FF

■ 4F3D80

■ 4F3D80

■ 463080

■ 584A80

■ 3C2380

■ 625780

■ 331780

■ 6B6380

■ 2A0A80

■ 747080

■ 220080

■ 7E7D80

■ 878A80

■ 919780

■ 9AA380

■ A3B080

# Harmonies

## Analogous

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



004B8C



4F3D80



742D66

# Triad

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



4F3D80



6E3C05



00584D

# Complementary

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



4F3D80



6E803D

# 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.



00562A



4F3D80



534900

# Square

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



4F3D80



802D24



305108



00576E

# Rectangle

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



4F3D80



812550



305108



005741



# Sweetspot

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



4F3D80



928BA6



3D6E80



484454



D4D4D4



545454



# Same Dimension

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



4F3D80



593DA6



703D80



3B3940



220080



000000



# Inverse Universe

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



803D6E



A63D8A



4D803D



40393E



80005D



000000



# Previews

## White Background



This preview shows how the Hex color 4F3D80 looks on a white background.

## Color Contrast Check

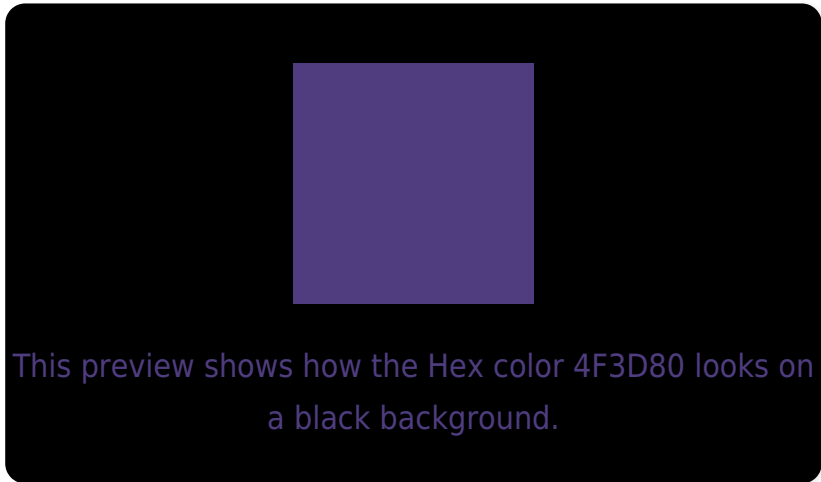
Large Text (above 18pt) WCAG AA ✓ Pass

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

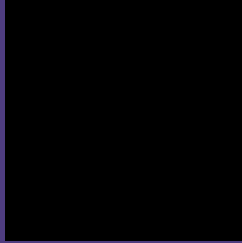
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F3D80 Background



This preview shows how black text looks on a background with the Hex color 4F3D80.



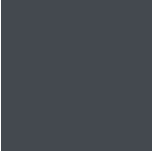
This preview shows how white text looks on a background with the Hex color 4F3D80.

# 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**  
44494F

# Trichromacy



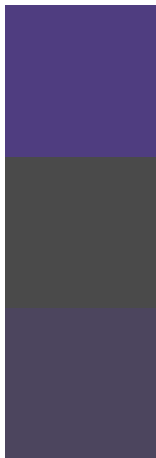
**Original Color**  
4F3D80

**Protanomaly**  
344386

**Deuteranomaly**  
31457E

**Tritanomaly**  
484561

# Monochromacy



**Original Color**  
4F3D80

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
4C455E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F3D80 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 #4F3D80 looks like.

```
.text, #text, p{  
    color:#4F3D80  
}
```

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 #4F3D80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F3D80
}
```

## Border

The CSS property to change the border of an element to Hex 4F3D80 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".

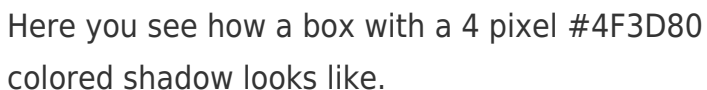
```
.border, #border, table{ border:4px solid
#4F3D80 }
```

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

```
.border{ border-color:#4F3D80 }
```

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

Here you see how a box with a 4 pixel #4F3D80 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F3D80; -webkit-box-shadow:4px 4px  
4px 4px #4F3D80; box-shadow:4px 4px 4px  
4px #4F3D80 }
```

# Background

The CSS property to change the background color of an element to Hex 4F3D80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F3D80 }
```

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

```
.background{ background-color:#4F3D80 }
```

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