

Converting Colors

Hex(374F80)

Have a look what the booklet for
Hex(374F80) contains.

Hex(374F80)	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(374F80)

Conversions

Conversions Part 1

Format	Color
Hex	374F80
RGB	55, 79, 128
RGB Percent	22%, 31%, 50%
CMY	0.7843, 0.6902, 0.4980
CMYK	0.57, 0.38, 0.00, 0.50
HSL	220°, 40%, 36%
HSV	220°, 57%, 50%
XYZ	8.2678, 7.9627, 21.5233
YIQ	77.4100, -30.0330, 10.1510

Conversions

Conversions Part 2

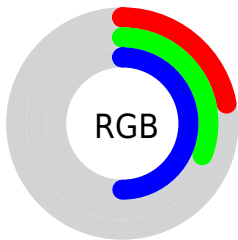
Format	Color
RYB	55, 73, 128
Decimal	3624832
CIELab	33.91, 6.43, -30.46
CIElCh	34, 31.134, 281.924
Yxy	7.9627, 0.2190, 0.2109
Android (android.graphics.Color)	4281814912 (0xFF374F80)
YUV	77.4100, 24.9409, -19.6536
Hunter-Lab	28.2183, 2.9177, -25.4702

Details


The Hex color **374F80** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **806837**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6B80B5**, and **00234E** is the 20% darker color. If you saturate the color by 10%, you get **2A4680**, and if you desaturate by 10%, it is **445880**.

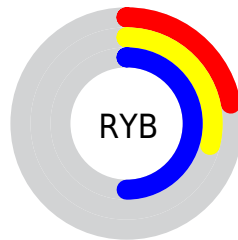
Distribution



 Red (22%)

 Green (31%)

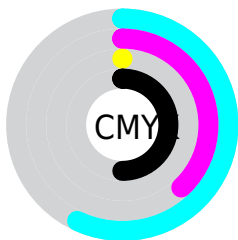
 Blue (50%)




 Red (22%)

 Yellow (29%)

 Blue (50%)

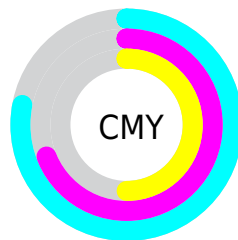


 Cyan (57%)

 Magenta (38%)

 Yellow (0%)

 Black (50%)



 Cyan (78%)

 Magenta (69%)

 Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 374F80 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 374F80 by changing the saturation by 10% instead.



374F80



374F80

FFFFFF



1B3867



6B80B5



00234E



869AD1



000D37



A1B4ED



000221



BDD0FF



000007



DAECFF



000000



F7FFFF



374F80



374F80



2A4680



445880

■ 1D3E80

■ 516080

■ 113580

■ 5D6980

■ 042D80

■ 6A7180

■ 002A80

■ 777A80

■ 848380

■ 918B80

■ 9D9480

■ AA9C80

Harmonies

Analogous

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



00577E



374F80



5E4575

Triad

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



374F80



794030



0F5B40

Complementary

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



374F80



806837

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.



395829



374F80



6A4920

Square

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



374F80



7E3B47



55521D



005C59

Rectangle

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



374F80



6F3F67



55521D



225A38

Sweetspot

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



374F80



8A93A6



378068



434954



D4D4D4



545454

Same Dimension

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



374F80



355AA6



433780



393B40



002A80



000000

Inverse Universe

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



80374F



A6355A



748037



40393B



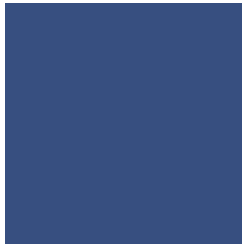
80002A



000000

Previews

White Background



This preview shows how the Hex color 374F80 looks on a white background.

Color Contrast Check

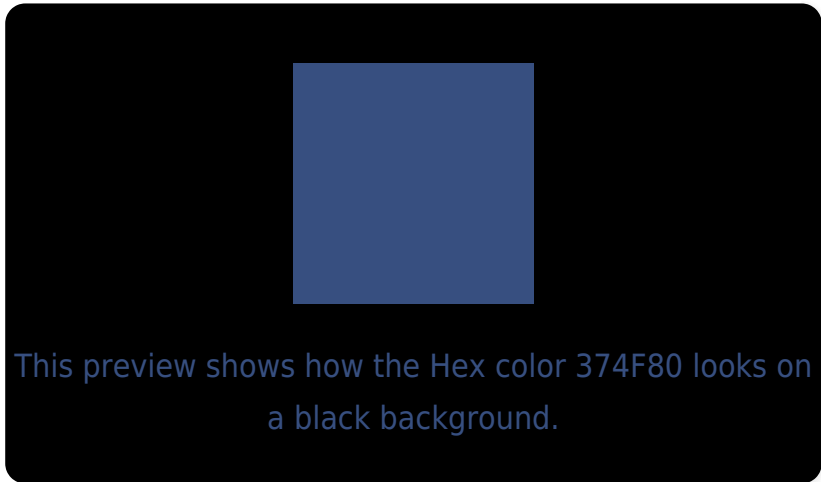
Large Text (above 18pt) WCAG AA ✓ Pass

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 374F80 Background



This preview shows how black text looks on a background with the Hex color 374F80.



This preview shows how white text looks on a background with the Hex color 374F80.

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

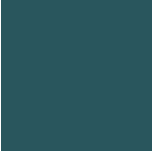
374F80

Protanopia

3D4E7F

Deuteranopia

335080



Tritanopia
29565D

Trichromacy



Original Color
374F80

Protanomaly
3B4E7F

Deuteranomaly
345080

Tritanomaly
2E536A

Monochromacy



Original Color
374F80

Achromatopsia
4D4D4D

Achromatomaly
454E60

CSS Examples

Text

The CSS property to change the color of the text to Hex 374F80 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 #374F80 looks like.

```
.text, #text, p{  
    color:#374F80  
}
```

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 #374F80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #374F80
}
```

Border

The CSS property to change the border of an element to Hex 374F80 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
#374F80 }
```

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

```
.border{ border-color:#374F80 }
```

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

Here you see how a box with a 4 pixel #374F80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #374F80; -webkit-box-shadow:4px 4px  
4px 4px #374F80; box-shadow:4px 4px 4px  
4px #374F80 }
```

Background

The CSS property to change the background color of an element to Hex 374F80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#374F80 }
```

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

```
.background{ background-color:#374F80 }
```

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