

Converting Colors

Hex(374B82)

Have a look what the booklet for
Hex(374B82) contains.

Hex(374B82)	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(374B82)

Conversions

Conversions Part 1

Format	Color
Hex	374B82
RGB	55, 75, 130
RGB Percent	22%, 29%, 51%
CMY	0.7843, 0.7059, 0.4902
CMYK	0.58, 0.42, 0.00, 0.49
HSL	224°, 41%, 36%
HSV	224°, 58%, 51%
XYZ	8.1209, 7.4561, 22.1302
YIQ	75.2900, -29.5750, 12.8650

Conversions

Conversions Part 2

Format	Color
R _{YB}	55, 71, 130
Decimal	3623810
CIE Lab	32.82, 9.78, -33.41
CIE LCh	33, 34.813, 286.307
Yxy	7.4561, 0.2154, 0.1977
Android (android.graphics.Color)	4281813890 (0xFF374B82)
YUV	75.2900, 26.9720, -17.7943
Hunter-Lab	27.3058, 5.3016, -28.9380

Details

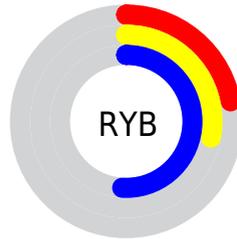
The Hex color **374B82** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **826E37**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **6C7BB7**, and **002050** is the 20% darker color. If you saturate the color by 10%, you get **2A4182**, and if you desaturate by 10%, it is **445582**.

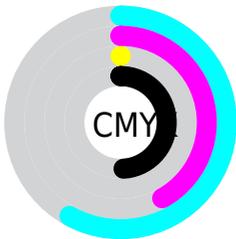
Distribution



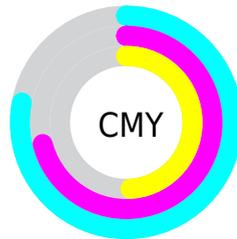
- Red (22%)
- Green (29%)
- Blue (51%)



- Red (22%)
- Yellow (28%)
- Blue (51%)



- Cyan (58%)
- Magenta (42%)
- Yellow (0%)
- Black (49%)



- Cyan (78%)
- Magenta (71%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 374B82 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 374B82 by changing the saturation by 10% instead.

■ 374B82

■ 374B82

FFFFFF

■ 1B3569

■ 6C7BB7

■ 002050

■ 8795D3

■ 000839

■ A2B0F0

■ 000223

■ BECBFF

■ 000009

■ DAE7FF

■ 000000

■ F7FFFF

■ 374B82

■ 374B82

■ 2A4182

■ 445582

■ 1D3882

■ 515E82

■ 102E82

■ 5E6882

■ 032582

■ 6B7182

■ 002382

■ 787B82

■ 858482

■ 928E82

■ 9F9782

■ ACA182

Harmonies

Analogous

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



005482



374B82



624073

Triad

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



374B82



783D26



005A3F

Complementary

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



374B82



826E37

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.



2E5725



374B82



674715

Square

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



374B82



80353F



4E5014



005B5C

Rectangle

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



374B82



733964



4E5014



075936

Sweetspot

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



374B82



8C93A8



37826E



434854



D4D4D4



545454

Same Dimension

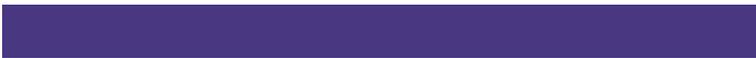
The Same Dimension uses a secret algorithm to generate beautiful new colors.



374B82



3453A8



493782



393B40



002280



000000

Inverse Universe

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



82374B



A83453



718237



40393B



800022



000000

Previews

White Background



This preview shows how the Hex color 374B82 looks on a white background.

Color Contrast Check

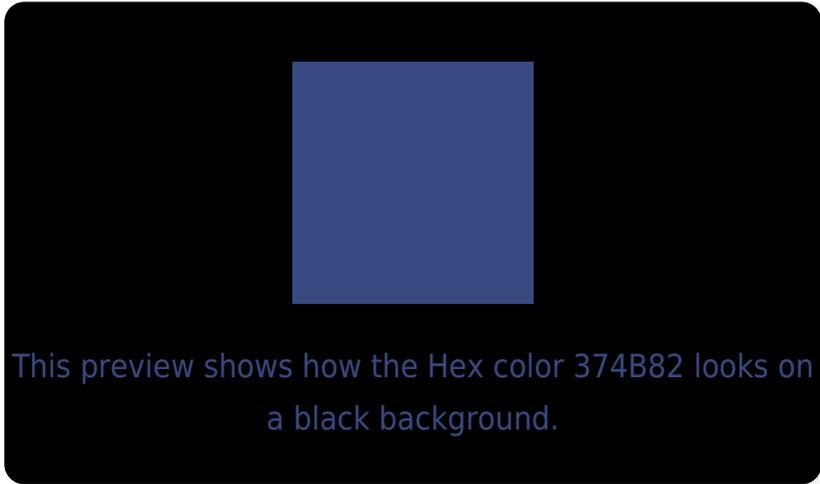
Large Text (above 18pt) WCAG AA ✓ Pass

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 374B82 Background



This preview shows how black text looks on a background with the Hex color 374B82.



This preview shows how white text looks on a background with the Hex color 374B82.

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
374B82

Protanopia
364B82

Deuteranopia
294E81



Tritanopia
27545A

Trichromacy



Original Color
374B82

Protanomaly
364B82

Deuteranomaly
2E4D81

Tritanomaly
2D5169

Monochromacy



Original Color
374B82

Achromatopsia
4B4B4B

Achromatomaly
444B5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 374B82 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 #374B82 looks like.

```
.text, #text, p{  
    color:#374B82  
}
```

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 #374B82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #374B82
}
```

Border

The CSS property to change the border of an element to Hex 374B82 is called "border". The border property can be set on classes, ids or directly on the HTML element.

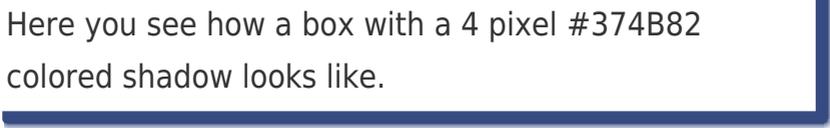
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#374B82 }
```

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

```
.border{ border-color:#374B82 }
```

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



Here you see how a box with a 4 pixel #374B82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #374B82; -webkit-box-shadow:4px 4px  
4px 4px #374B82; box-shadow:4px 4px 4px  
4px #374B82 }
```

Background

The CSS property to change the background color of an element to Hex 374B82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#374B82 }
```

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

```
.background{ background-color:#374B82 }
```

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