

Converting Colors

Hex(374CB0)

Have a look what the booklet for
Hex(374CB0) contains.

Hex(374CB0)	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(374CB0)

Conversions

Conversions Part 1

Format	Color
Hex	374CB0
RGB	55, 76, 176
RGB Percent	22%, 30%, 69%
CMY	0.7843, 0.7020, 0.3098
CMYK	0.69, 0.57, 0.00, 0.31
HSL	230°, 52%, 45%
HSV	230°, 69%, 69%
XYZ	11.9965, 9.1157, 42.2015
YIQ	81.1210, -44.6160, 26.6480

Conversions

Conversions Part 2

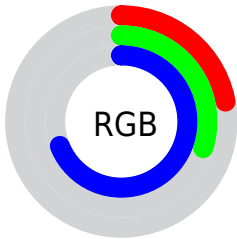
Format	Color
RYB	55, 73, 176
Decimal	3624112
CIELab	36.21, 25.78, -55.81
CIELCh	36, 61.478, 294.795
Yxy	9.1157, 0.1895, 0.1440
Android (android.graphics.Color)	4281814192 (0xFF374CB0)
YUV	81.1210, 46.7753, -22.9081
Hunter-Lab	30.1922, 18.0882, -61.7387

Details

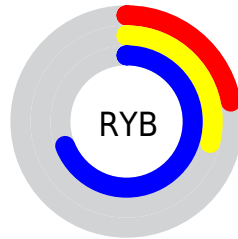
The Hex color **374CB0** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B09B37**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **747DE8**, and **00217A** is the 20% darker color. If you saturate the color by 10%, you get **253DB0**, and if you desaturate by 10%, it is **495BB0**.

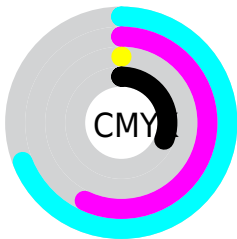
Distribution



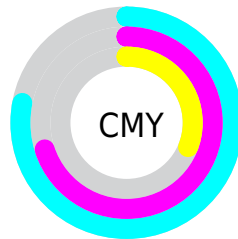
- Red (22%)
- Green (30%)
- Blue (69%)



- Red (22%)
- Yellow (29%)
- Blue (69%)



- Cyan (69%)
- Magenta (57%)
- Yellow (0%)
- Black (31%)



- Cyan (78%)
- Magenta (70%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 374CB0 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 374CB0 by changing the saturation by 10% instead.

■ 374CB0

■ 374CB0

FFFFFF

■ 083695

■ 747DE8

■ 00217A

■ 9196FF

■ 000E61

■ AEB1FF

■ 000148

■ CBCCFF

■ 000431

■ E9E9FF

■ 00011B

■ 000000

■ 374CB0

■ 374CB0

■ 253DB0

■ 495BB0

■ 142FB0

■ 5A69B0

■ 0220B0

■ 6C78B0

■ 001FB0

■ 7D86B0

■ 8F95B0

■ A1A3B0

■ B2B2B0

■ C4C0B0

■ D5CFB0

Harmonies

Analogous

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



005EB9



374CB0



862F8F

Triad

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



374CB0



933900



00694B

Complementary

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



374CB0



B09B37

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.



006614



374CB0



705000

Square

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



374CB0



A7182F



415E00



006A7D

Rectangle

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



374CB0



9F1770



415E00



006839

Sweetspot

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



374CB0



B5BEE6



37B09A



565B73



F2F2F2



737373

Same Dimension

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



374CB0



2748E6



5D37B0



505259



001B99



00041A

Inverse Universe

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



B0374C



E62748



8AB037



595052



99001B



1A0004

Previews

White Background



This preview shows how the Hex color 374CB0 looks on a white background.

Color Contrast Check

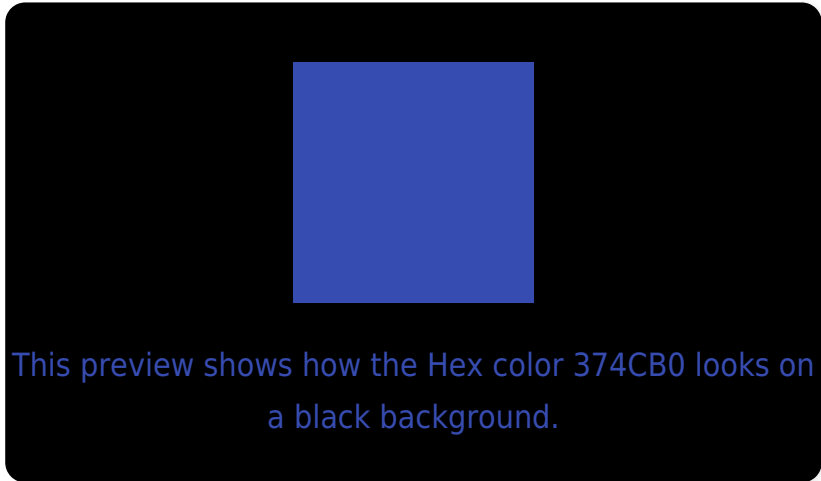
Large Text (above 18pt) WCAG AA ✓ Pass

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

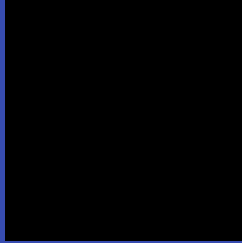
Any Text WCAG AA × Fail

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 374CB0 Background



This preview shows how black text looks on a background with the Hex color 374CB0.

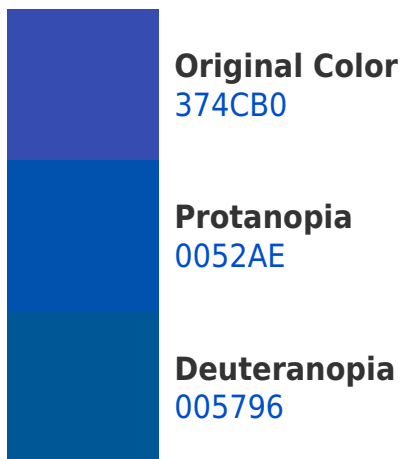


This preview shows how white text looks on a background with the Hex color 374CB0.

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
005E65

Trichromacy



Original Color
374CB0

Protanomaly
1450AF

Deuteranomaly
14539F

Tritanomaly
145780

Monochromacy



Original Color
374CB0

Achromatopsia
515151

Achromatomaly
484F74

CSS Examples

Text

The CSS property to change the color of the text to Hex 374CB0 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 #374CB0 looks like.

```
.text, #text, p{  
    color:#374CB0  
}
```

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 #374CB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #374CB0
}
```

Border

The CSS property to change the border of an element to Hex 374CB0 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
#374CB0 }
```

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

```
.border{ border-color:#374CB0 }
```

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

Here you see how a box with a 4 pixel #374CB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #374CB0; -webkit-box-shadow:4px 4px  
4px 4px #374CB0; box-shadow:4px 4px 4px  
4px #374CB0 }
```

Background

The CSS property to change the background color of an element to Hex 374CB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#374CB0 }
```

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

```
.background{ background-color:#374CB0 }
```

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