

Converting Colors

Hex(374461)

Have a look what the booklet for
Hex(374461) contains.

Hex(374461)	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(374461)

Conversions

Conversions Part 1

Format	Color
Hex	374461
RGB	55, 68, 97
RGB Percent	22%, 27%, 38%
CMY	0.7843, 0.7333, 0.6196
CMYK	0.43, 0.30, 0.00, 0.62
HSL	221°, 28%, 30%
HSV	221°, 43%, 38%
XYZ	5.8003, 5.8095, 12.1249
YIQ	67.4190, -17.0570, 6.2630

Conversions

Conversions Part 2

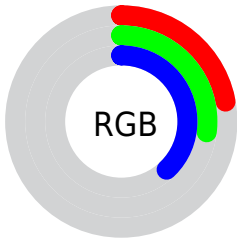
Format	Color
R_{YB}	55, 65, 97
Decimal	3621985
CIE Lab	28.93, 3.20, -18.76
CIE LCh	29, 19.032, 279.688
Yxy	5.8095, 0.2444, 0.2448
Android (android.graphics.Color)	4281812065 (0xFF374461)
YUV	67.4190, 14.5834, -10.8915
Hunter-Lab	24.1030, 0.7755, -12.9535

Details

The Hex color **374461** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **615437**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **687494**, and **071932** is the 20% darker color. If you saturate the color by 10%, you get **2D3D61**, and if you desaturate by 10%, it is **414B61**.

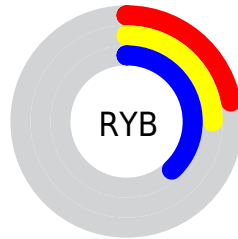
Distribution



Red (22%)

Green (27%)

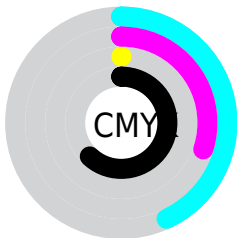
Blue (38%)



Red (22%)

Yellow (25%)

Blue (38%)

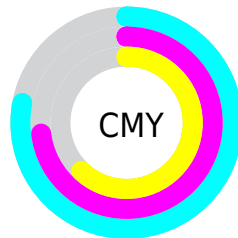


Cyan (43%)

Magenta (30%)

Yellow (0%)

Black (62%)



Cyan (78%)

Magenta (73%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 374461 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 374461 by changing the saturation by 10% instead.



374461



374461

FFFFFF



202E49



687494



071932



818DAE



00021E



9CA8CA



000000



B7C3E6



D3DFFF



EFFBFF



374461



374461



2D3D61



414B61

■ 243761

■ 4A5161

■ 1A3061

■ 545861

■ 102961

■ 5E5F61

■ 072361

■ 676561

■ 001E61

■ 716C61

■ 7B7361

■ 857A61

■ 8E8061

Harmonies

Analogous

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



1E485F



374461



4C3F5B

Triad

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



374461



5F3B32



274B3A

Complementary

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



374461



615437

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.



39492D



374461



574029

Square

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



374461



613940



494527



144C49

Rectangle

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



374461



573B53



494527



2D4B35

Sweetspot

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



374461



6D727D



376154



363940



BFBFBF



404040

Same Dimension

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



374461



3C507D



3F3761



2C2D30



002370



004AF0

Inverse Universe

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



613744



7D3C50



596137



302C2D



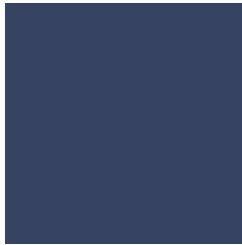
700023



F0004A

Previews

White Background



This preview shows how the Hex color 374461 looks on a white background.

Color Contrast Check

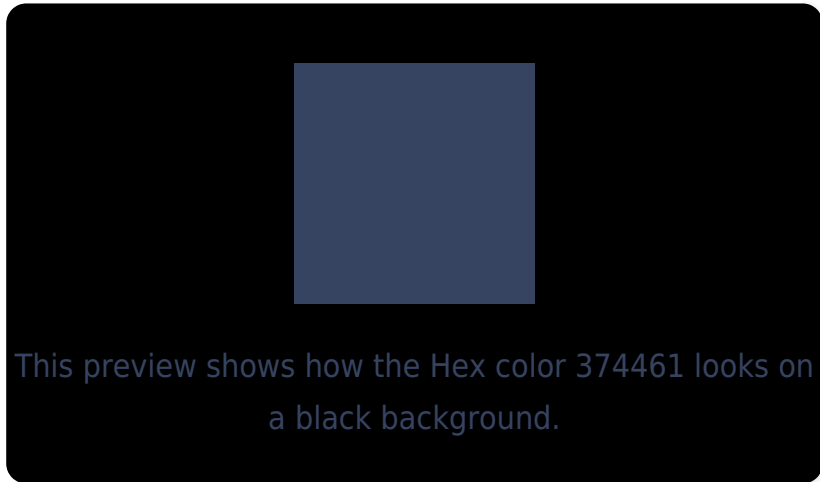
Large Text (above 18pt) WCAG AA ✓ Pass

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

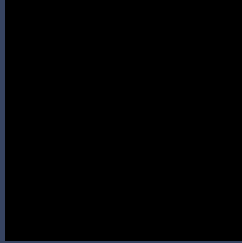
Any Text WCAG AA × Fail

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 374461 Background



This preview shows how black text looks on a background with the Hex color 374461.

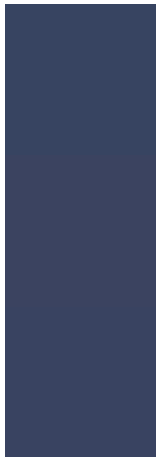


This preview shows how white text looks on a background with the Hex color 374461.

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
374461

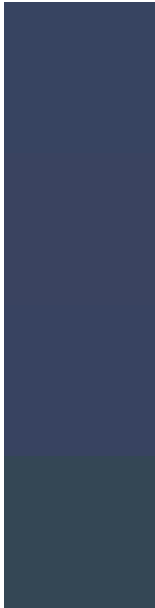
Protanopia
3B4360

Deuteranopia
394361



Tritanopia
32484E

Trichromacy



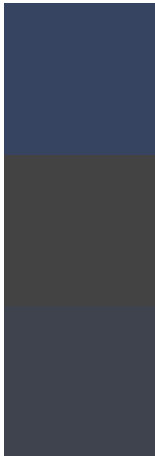
Original Color
374461

Protanomaly
3A4360

Deuteranomaly
384361

Tritanomaly
344755

Monochromacy



Original Color
374461

Achromatopsia
434343

Achromatomaly
3F434E

CSS Examples

Text

The CSS property to change the color of the text to Hex 374461 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 #374461 looks like.

```
.text, #text, p{  
    color:#374461  
}
```

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 #374461 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #374461
}
```

Border

The CSS property to change the border of an element to Hex 374461 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".

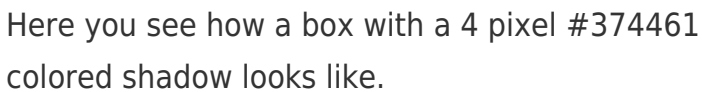
```
.border, #border, table{ border:4px solid
#374461 }
```

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

```
.border{ border-color:#374461 }
```

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

Here you see how a box with a 4 pixel #374461 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #374461; -webkit-box-shadow:4px 4px  
4px 4px #374461; box-shadow:4px 4px 4px  
4px #374461 }
```

Background

The CSS property to change the background color of an element to Hex 374461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#374461 }
```

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

```
.background{ background-color:#374461 }
```

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