

Converting Colors

Hex(374870)

Have a look what the booklet for
Hex(374870) contains.

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Color

Hex(374870)

Conversions

Conversions Part 1

Format	Color
Hex	374870
RGB	55, 72, 112
RGB Percent	22%, 28%, 44%
CMY	0.7843, 0.7176, 0.5608
CMYK	0.51, 0.36, 0.00, 0.56
HSL	222°, 34%, 33%
HSV	222°, 51%, 44%
XYZ	6.8175, 6.6168, 16.2471
YIQ	71.4770, -22.9720, 8.8360

Conversions

Conversions Part 2

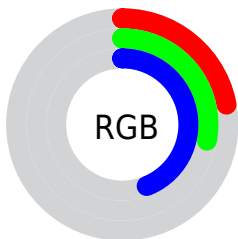
Format	Color
R_{YB}	55, 68, 112
Decimal	3623024
CIE _{Lab}	30.92, 5.51, -25.19
CIE _{LCh}	31, 25.783, 282.346
Yxy	6.6168, 0.2297, 0.2229
Android (android.graphics.Color)	4281813104 (0xFF374870)
YUV	71.4770, 19.9778, -14.4503
Hunter-Lab	25.7232, 2.2933, -19.4421




Details

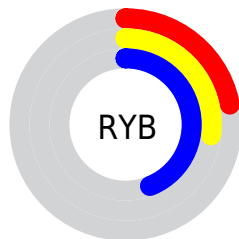
The Hex color **374870** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **705F37**, and the grayscale version is **474747**.




A 20% lighter version of the original color is **6978A4**, and **001D40** is the 20% darker color. If you saturate the color by 10%, you get **2C4070**, and if you desaturate by 10%, it is **425070**.

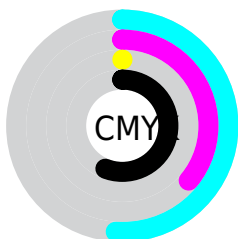
Distribution







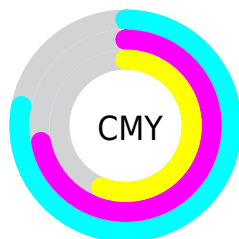
-  Red (22%)
-  Green (28%)
-  Blue (44%)






-  Red (22%)
-  Yellow (27%)
-  Blue (44%)



-  Cyan (51%)
-  Magenta (36%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (78%)
-  Magenta (72%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 374870 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 374870 by changing the saturation by 10% instead.

■ 374870

■ 374870

FFFFFF

■ 1E3257

■ 6978A4

■ 001D40

■ 8392BF

■ 00022A

■ 9EACDB

■ 000114

■ BAC8F8

■ 000000

■ D6E4FF

■ F3FFFF

■ 374870

■ 374870

■ 2C4070

■ 425070

■ 213870

■ 4D5870

■ 153070

■ 596070

■ 0A2970

■ 646770

■ 002170

■ 6F6F70

■ 7A7770

■ 857F70

■ 918770

■ 9C8F70

Harmonies

Analogous

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



004E6F



374870



554067

Triad

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



374870



6B3C2F



19523C

Complementary

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



374870



705F37

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.



374F2A



374870



5F4322

Square

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



374870



6F3841



4D4A20



005351

Rectangle

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



374870



633C5C



4D4A20



255235

Sweetspot

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



374870



7C8291



37705F



3D414A



C9C9C9



4A4A4A

Same Dimension

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



374870



395391



423770



323438



002478



004AF7

Inverse Universe

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



703748



913953



657037



383234



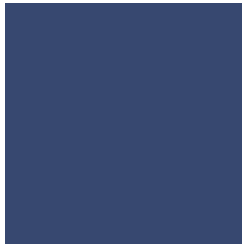
780024



F7004A

Previews

White Background



This preview shows how the Hex color 374870 looks on a white background.

Color Contrast Check

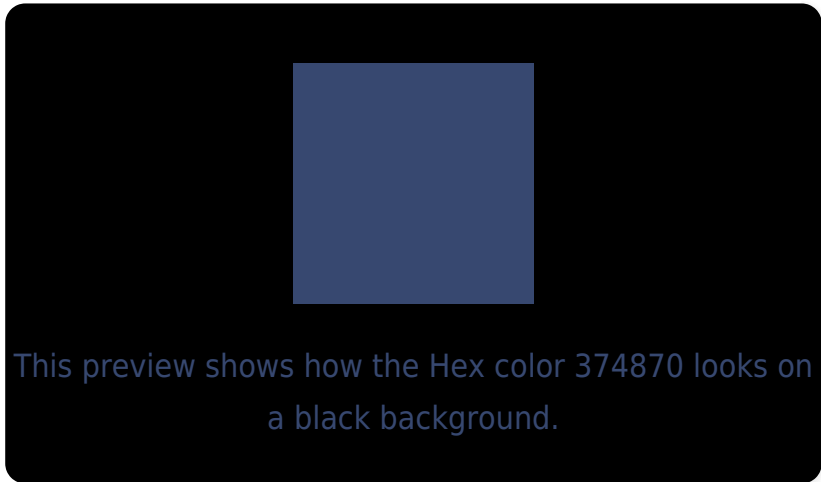
Large Text (above 18pt) WCAG AA ✓ Pass

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

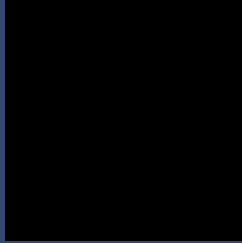
Any Text WCAG AA × Fail

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 374870 Background



This preview shows how black text looks on a background with the Hex color 374870.



This preview shows how white text looks on a background with the Hex color 374870.

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](#).

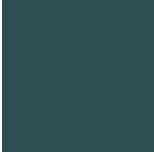
Dichromacy



Original Color
374870

Protanopia
3A476F

Deuteranopia
354870



Tritanopia
2E4E54

Trichromacy



Original Color
374870

Protanomaly
39476F

Deuteranomaly
364870

Tritanomaly
314C5E

Monochromacy



Original Color
374870

Achromatopsia
474747

Achromatomaly
414756

CSS Examples

Text

The CSS property to change the color of the text to Hex 374870 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 #374870 looks like.

```
.text, #text, p{  
    color:#374870  
}
```

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 #374870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #374870
}
```

Border

The CSS property to change the border of an element to Hex 374870 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".

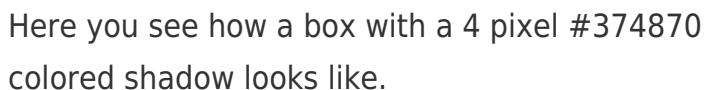
```
.border, #border, table{ border:4px solid
#374870 }
```

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

```
.border{ border-color:#374870 }
```

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

Here you see how a box with a 4 pixel #374870 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #374870; -webkit-box-shadow:4px 4px  
4px 4px #374870; box-shadow:4px 4px 4px  
4px #374870 }
```

Background

The CSS property to change the background color of an element to Hex 374870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#374870 }
```

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

```
.background{ background-color:#374870 }
```

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](#).

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