

Converting Colors

Hex(374173)

Have a look what the booklet for
Hex(374173) contains.

Hex(374173)	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(374173)

Conversions

Conversions Part 1

Format	Color
Hex	374173
RGB	55, 65, 115
RGB Percent	22%, 25%, 45%
CMY	0.7843, 0.7451, 0.5490
CMYK	0.52, 0.43, 0.00, 0.55
HSL	230°, 35%, 33%
HSV	230°, 52%, 45%
XYZ	6.5604, 5.8306, 16.9993
YIQ	67.7100, -22.0100, 13.4300

Conversions

Conversions Part 2

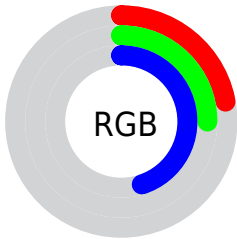
Format	Color
R_{YB}	55, 64, 115
Decimal	3621235
CIE _{Lab}	28.98, 11.22, -30.14
CIE _{LCh}	29, 32.159, 290.413
Yxy	5.8306, 0.2232, 0.1984
Android (android.graphics.Color)	4281811315 (0xFF374173)
YUV	67.7100, 23.3140, -11.1467
Hunter-Lab	24.1467, 6.2396, -24.8376

Details

The Hex color **374173** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **736937**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6A71A7**, and **001742** is the 20% darker color. If you saturate the color by 10%, you get **2C3773**, and if you desaturate by 10%, it is **434B73**.

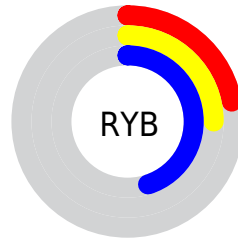
Distribution



Red (22%)

Green (25%)

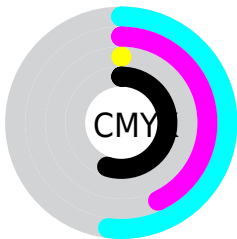
Blue (45%)



Red (22%)

Yellow (25%)

Blue (45%)

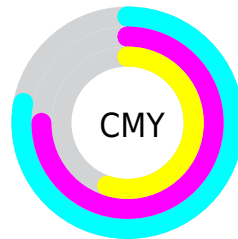


Cyan (52%)

Magenta (43%)

Yellow (0%)

Black (55%)



Cyan (78%)

Magenta (75%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 374173 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 374173 by changing the saturation by 10% instead.

■ 374173

■ 374173

FFFFFF

■ 1D2B5A

■ 6A71A7

■ 001742

■ 848AC3

■ 00002C

■ 9FA4DF

■ 000116

■ BBBFFB

■ 000000

■ D7DBFF

■ F4F8FF

■ 374173

■ 374173

■ 2C3773

■ 434B73

■ 202E73

■ 4E5473

■ 152473

■ 5A5E73

■ 091B73

■ 656773

■ 001373

■ 717173

■ 7C7B73

■ 888473

■ 938E73

■ 9F9773

Harmonies

Analogous

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



004975



374173



5B3764

Triad

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



374173



6A371F



00503B

Complementary

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



374173



736937

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.



234D23



374173



584010

Square

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



374173



722F34



414812



005055

Rectangle

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



374173



693156



414812



004F33

Sweetspot

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



374173



7E8296



377369



3E404D



CCCCCC



4D4D4D

Same Dimension

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



374173



384796



4B3773



35363B



00147A



002AFA

Inverse Universe

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



733741



963847



5F7337



3B3536



7A0014



FA002A

Previews

White Background



This preview shows how the Hex color 374173 looks on a white background.

Color Contrast Check

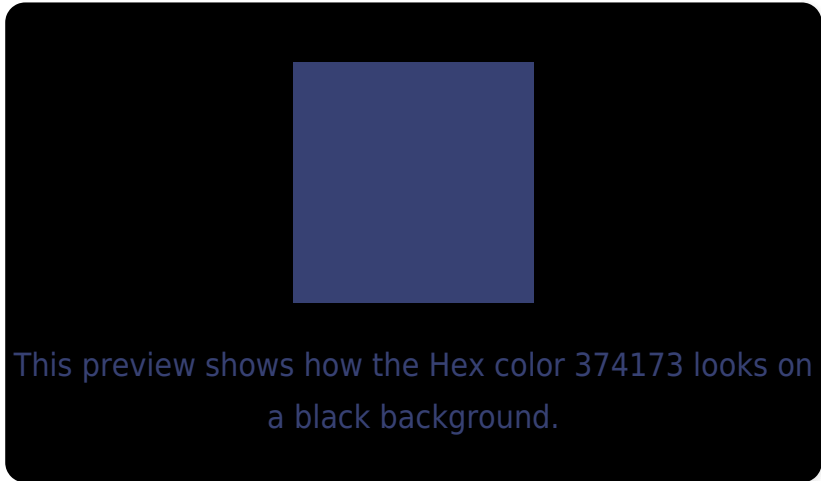
Large Text (above 18pt) WCAG AA ✓ Pass

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

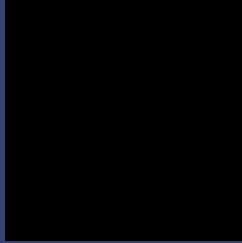
Any Text WCAG AA × Fail

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 374173 Background



This preview shows how black text looks on a background with the Hex color 374173.



This preview shows how white text looks on a background with the Hex color 374173.

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](#).

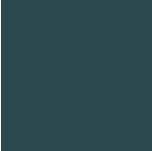
Dichromacy



Original Color
374173

Protanopia
2F4375

Deuteranopia
254572



Tritanopia
2B494F

Trichromacy



Original Color
374173

Protanomaly
324274

Deuteranomaly
2C4472

Tritanomaly
2F465C

Monochromacy



Original Color
374173

Achromatopsia
444444

Achromatomaly
3F4355

CSS Examples

Text

The CSS property to change the color of the text to Hex 374173 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 #374173 looks like.

```
.text, #text, p{  
    color:#374173  
}
```

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 #374173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #374173
}
```

Border

The CSS property to change the border of an element to Hex 374173 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
#374173 }
```

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

```
.border{ border-color:#374173 }
```

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

Here you see how a box with a 4 pixel #374173 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #374173; -webkit-box-shadow:4px 4px  
4px 4px #374173; box-shadow:4px 4px 4px  
4px #374173 }
```

Background

The CSS property to change the background color of an element to Hex 374173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#374173 }
```

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

```
.background{ background-color:#374173 }
```

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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