

# Converting Colors

Hex(374127)

Have a look what the booklet for  
Hex(374127) contains.

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# Color

Hex(374127)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	374127
RGB	55, 65, 39
RGB Percent	22%, 25%, 15%
CMY	0.7843, 0.7451, 0.8471
CMYK	0.15, 0.00, 0.40, 0.75
HSL	83°, 25%, 20%
HSV	83°, 40%, 25%
XYZ	3.8321, 4.7393, 2.6323
YIQ	59.0460, 2.3860, -10.2060

# Conversions

## Conversions Part 2

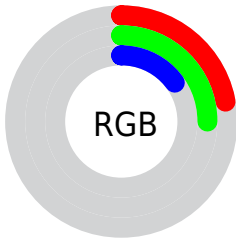
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 65, 49
Decimal	3621159
CIELab	25.98, -9.49, 14.55
CIElCh	26, 17.371, 123.130
Yxy	4.7393, 0.3420, 0.4230
Android (android.graphics.Color)	4281811239 (0xFF374127)
YUV	59.0460, -9.8827, -3.5483
Hunter-Lab	21.7699, -6.6769, 8.0700

# Details

The Hex color **374127** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **312741**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **667154**, and **091700** is the 20% darker color. If you saturate the color by 10%, you get **354121**, and if you desaturate by 10%, it is **3A412E**.

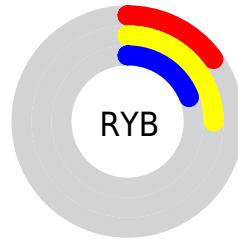
# Distribution



Red (22%)

Green (25%)

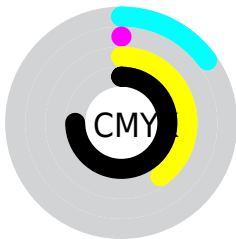
Blue (15%)



Red (15%)

Yellow (25%)

Blue (19%)

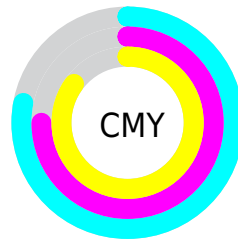


Cyan (15%)

Magenta (0%)

Yellow (40%)

Black (75%)



Cyan (78%)

Magenta (75%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 374127 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 374127 by changing the saturation by 10% instead.





374127



374127

FFFFFF



212B12



667154



091700



7F8A6D



000000



9AA586



B4C0A0



D0DCBB



ECF8D7



FFFFFF3



374127



374127

■ 354121

■ 3A412E

■ 32411A

■ 3C4134

■ 304114

■ 3F413B

■ 2D410D

■ 414141

■ 2B4106

■ 444148

■ 284100

■ 46414E

■ 494155

■ 4B415B

■ 4E4162

# Harmonies

## Analogous

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



453D23



374127



274431

# Triad

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



374127



184255



57333D

# Complementary

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



374127



312741

# 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.



4F354A



374127



2D3E58

# Square

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



374127



0B444B



413A54



573530

# Rectangle

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



374127



1C443A



413A54



553441



# Sweetspot

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



374127



50544A



413127



292B25



ABABAB



2B2B2B



# Same Dimension

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



374127



45542C



2A4127



20211E



3C6100



8AE000



# Inverse Universe

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



312741



3B2C54



3E2741



1F1E21



250061



5600E0



# Previews

## White Background



This preview shows how the Hex color 374127 looks on a white background.

## Color Contrast Check

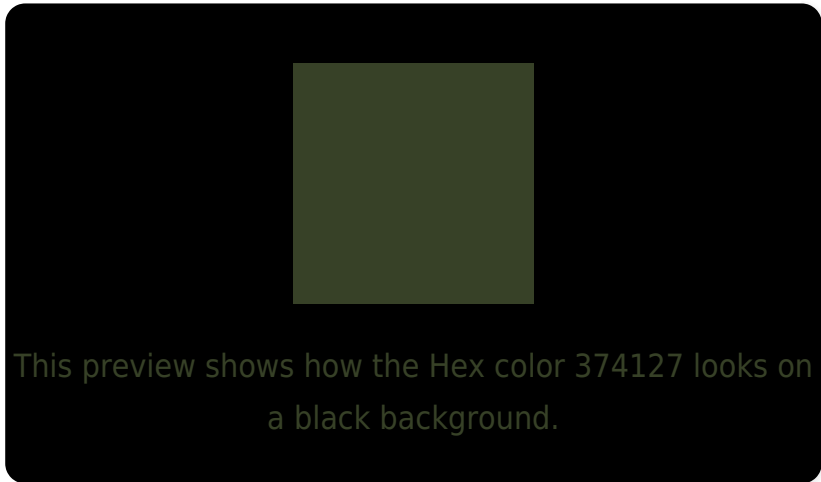
Large Text (above 18pt) WCAG AA ✓ Pass

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

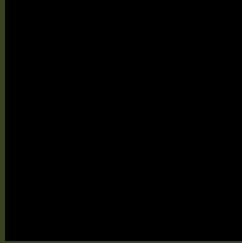
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

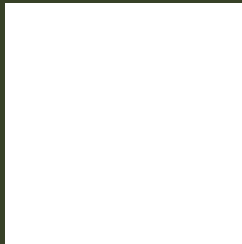
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 374127 Background



This preview shows how black text looks on a background with the Hex color 374127.

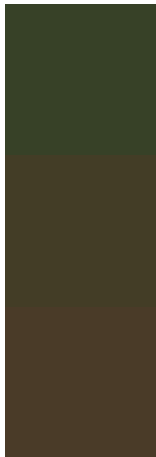


This preview shows how white text looks on a background with the Hex color 374127.

# 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](#).

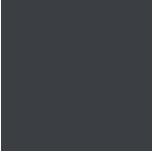
## Dichromacy



**Original Color**  
374127

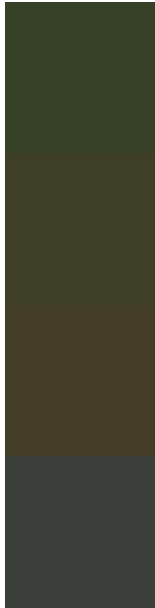
**Protanopia**  
433D26

**Deuteranopia**  
4A3B28



**Tritanopia**  
3B3E43

# Trichromacy



**Original Color**

374127

**Protanomaly**

3F3E26

**Deuteranomaly**

433D28

**Tritanomaly**

3A3F39

# Monochromacy



**Original Color**

374127

**Achromatopsia**

3B3B3B

**Achromatomaly**

3A3D34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 374127 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 #374127 looks like.

```
.text, #text, p{  
    color:#374127  
}
```

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 #374127 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #374127  
}
```

## Border

The CSS property to change the border of an element to Hex 374127 is called "border". The border property can be set on classes, ids or directly on the HTML element.

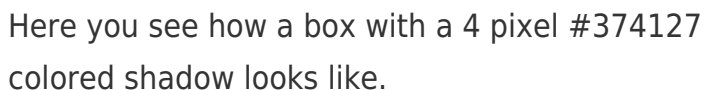
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#374127 }
```

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

```
.border{ border-color:#374127 }
```

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



Here you see how a box with a 4 pixel #374127 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #374127; -webkit-box-shadow:4px 4px  
4px 4px #374127; box-shadow:4px 4px 4px  
4px #374127 }
```

# Background

The CSS property to change the background color of an element to Hex 374127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#374127 }
```

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

```
.background{ background-color:#374127 }
```

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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