

# Converting Colors

Hex(374817)

Have a look what the booklet for  
Hex(374817) contains.

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# Color

**Hex(374817)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	374817
RGB	55, 72, 23
RGB Percent	22%, 28%, 9%
CMY	0.7843, 0.7176, 0.9098
CMYK	0.24, 0.00, 0.68, 0.72
HSL	81°, 52%, 19%
HSV	81°, 68%, 28%
XYZ	4.0476, 5.5088, 1.6606
YIQ	61.3310, 5.5970, -18.8430

# Conversions

## Conversions Part 2

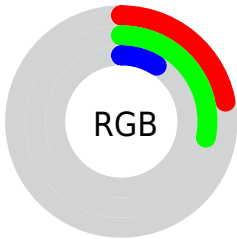
<b>Format</b>	<b>Color</b>
<b>RYB</b>	23, 72, 40
Decimal	3622935
CIELab	28.14, -15.64, 26.50
CIElCh	28, 30.775, 120.555
Yxy	5.5088, 0.3608, 0.4911
Android (android.graphics.Color)	4281813015 (0xFF374817)
YUV	61.3310, -18.8972, -5.5523
Hunter-Lab	23.4709, -10.2916, 12.2348

# Details

The Hex color **374817** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **281748**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **677944**, and **051D00** is the 20% darker color. If you saturate the color by 10%, you get **354810**, and if you desaturate by 10%, it is **39481E**.

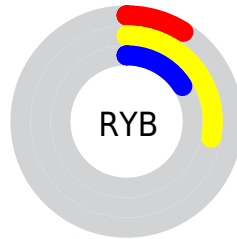
# Distribution



Red (22%)

Green (28%)

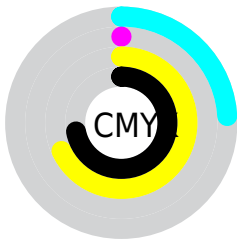
Blue (9%)



Red (9%)

Yellow (28%)

Blue (16%)

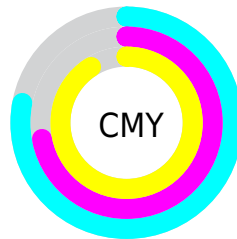


Cyan (24%)

Magenta (0%)

Yellow (68%)

Black (72%)



Cyan (78%)

Magenta (72%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 374817 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 374817 by changing the saturation by 10% instead.



 374817

 374817

FFFFFFE

 213100

 677944

 051D00

 81925D

 000000

 9BAD76

 B7C88F

 D3E4AA

 EFFF6

 FFFF2

 374817

 374817

■ 354810

■ 39481E

■ 324809

■ 3C4825

■ 304801

■ 3E482D

■ 2F4800

■ 414834

■ 43483B

■ 464842

■ 484849

■ 4B4851

■ 4D4858

# Harmonies

## Analogous

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



4F4110



374817



154C2A

# Triad

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



374817



004B6B



6D2D43

# Complementary

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



374817



281748

# 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.



60325A



374817



0A4572

# Square

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



374817



004E5A



443C6B



6C302C

# Rectangle

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



374817



004E3A



443C6B



6A2E4B



# Sweetspot

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



374817



585E4B



482717



2C3025



B0B0B0



303030



# Same Dimension

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



374817



445E11



1F4817



222420



416300



94E300



# Inverse Universe

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



281748



2C115E



401748



212024



230063

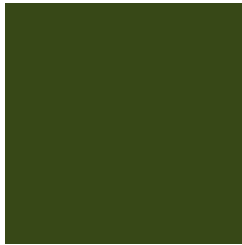


4F00E3



# Previews

## White Background



This preview shows how the Hex color 374817 looks on a white background.

## Color Contrast Check

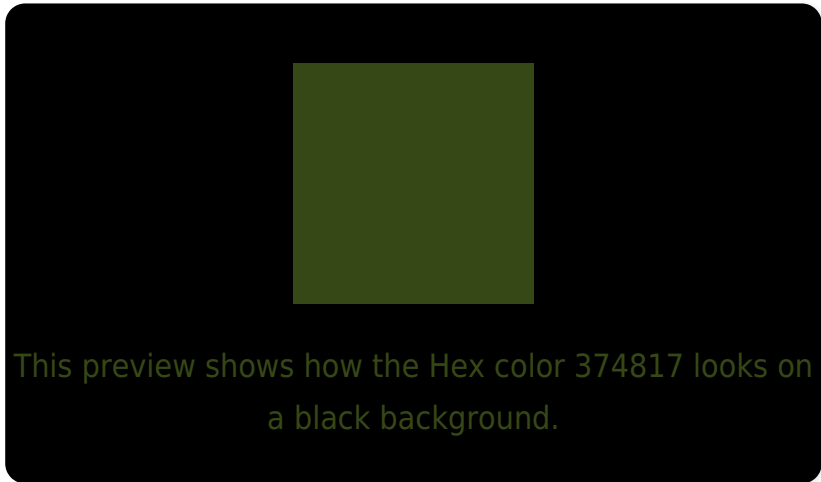
Large Text (above 18pt) WCAG AA ✓ Pass

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

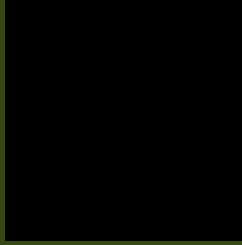
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 374817 Background



This preview shows how black text looks on a background with the Hex color 374817.



This preview shows how white text looks on a background with the Hex color 374817.

# 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**  
374817

**Protanopia**  
4A216

**Deuteranopia**  
533F1A



**Tritanopia**  
3D4349

# Trichromacy



**Original Color**  
374817

**Protanomaly**  
434416

**Deuteranomaly**  
494219

**Tritanomaly**  
3B4537

# Monochromacy



**Original Color**  
374817

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
3B412F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 374817 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 #374817 looks like.

```
.text, #text, p{  
    color:#374817  
}
```

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 #374817 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #374817
}
```

## Border

The CSS property to change the border of an element to Hex 374817 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".

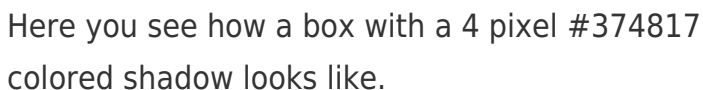
```
.border, #border, table{ border:4px solid
#374817 }
```

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

```
.border{ border-color:#374817 }
```

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

Here you see how a box with a 4 pixel #374817 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #374817; -webkit-box-shadow:4px 4px  
4px 4px #374817; box-shadow:4px 4px 4px  
4px #374817 }
```

# Background

The CSS property to change the background color of an element to Hex 374817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#374817 }
```

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

```
.background{ background-color:#374817 }
```

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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