

# Converting Colors

Hex(374636)

Have a look what the booklet for  
Hex(374636) contains.

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# Color

**Hex(374636)**

# Conversions

## Conversions Part 1

Format	Color
Hex	374636
RGB	55, 70, 54
RGB Percent	22%, 27%, 21%
CMY	0.7843, 0.7255, 0.7882
CMYK	0.21, 0.00, 0.23, 0.73
HSL	116°, 13%, 24%
HSV	116°, 23%, 27%
XYZ	4.4316, 5.4589, 4.3101
YIQ	63.6910, -3.8040, -8.1560

# Conversions

## Conversions Part 2

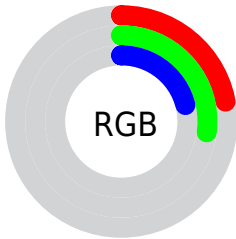
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 70, 69
Decimal	3622454
CIELab	28.00, -9.71, 7.71
CIElCh	28, 12.399, 141.566
Yxy	5.4589, 0.3121, 0.3844
Android (android.graphics.Color)	4281812534 (0xFF374636)
YUV	63.6910, -4.7777, -7.6220
Hunter-Lab	23.3643, -7.0309, 5.4174

# Details

The Hex color **374636** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **453646**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **667665**, and **0D1B0A** is the 20% darker color. If you saturate the color by 10%, you get **30462F**, and if you desaturate by 10%, it is **3E463D**.

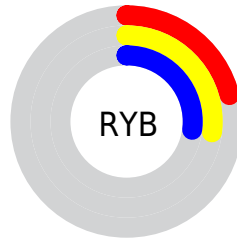
# Distribution



Red (22%)

Green (27%)

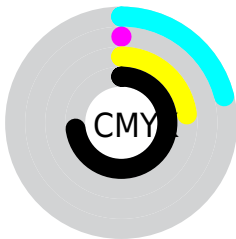
Blue (21%)



Red (21%)

Yellow (27%)

Blue (27%)

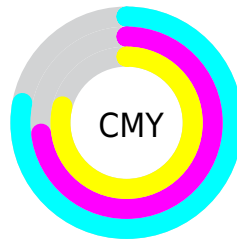


Cyan (21%)

Magenta (0%)

Yellow (23%)

Black (73%)



Cyan (78%)

Magenta (73%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 374636 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 374636 by changing the saturation by 10% instead.



 374636

 374636

FFFFFF

 213021

 667665

 0D1B0A

 7F907E

 000000

 99AA98

 B4C6B2

 D0E2CE

 ECFEEA

 374636

 374636

 30462F

 3E463D

■ 2A4628

■ 444644

■ 234621

■ 4B464B

■ 1D461A

■ 514652

■ 164613

■ 584659

■ 10460C

■ 5E4660

■ 094605

■ 654667

■ 044600

■ 6C466E

■ 724675

# Harmonies

## Analogous

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



424430



374636



2D473F

# Triad

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



374636



334455



563B3C

# Complementary

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



374636



453646

# 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.



533B45



374636



404154

# Square

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



374636



294651



4C3D4E



533D34

# Rectangle

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



374636



284746



4C3D4E



553B3F



# Sweetspot

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



374636



565C55



464536



2A2E2A



ADADAD



2E2E2E



# Same Dimension

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



374636



455C43



36463D



202420



066300



0EE300



# Inverse Universe

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



453646



5A435C



46363F



232024



5D0063



D500E3



# Previews

## White Background



This preview shows how the Hex color 374636 looks on a white background.

## Color Contrast Check

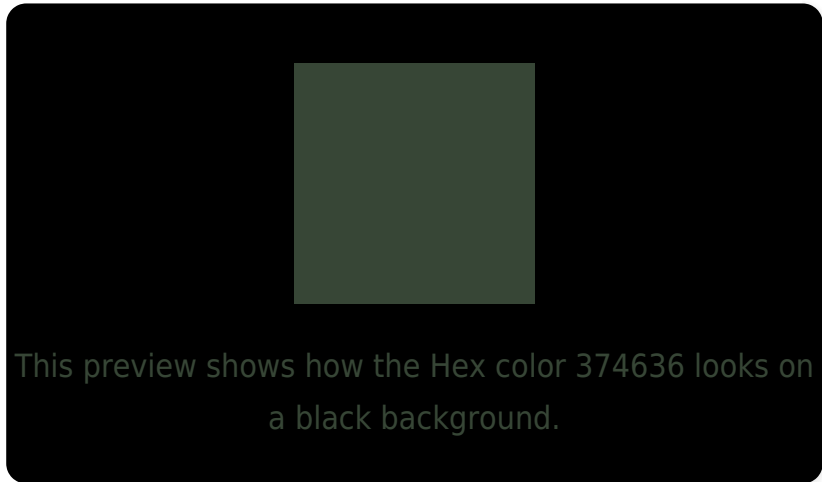
Large Text (above 18pt) WCAG AA ✓ Pass

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

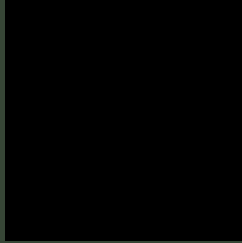
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 374636 Background



This preview shows how black text looks on a background with the Hex color 374636.



This preview shows how white text looks on a background with the Hex color 374636.

# 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**

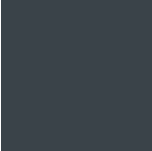
374636

**Protanopia**

464234

**Deuteranopia**

4C3F37



**Tritanopia**  
3A4349

# Trichromacy



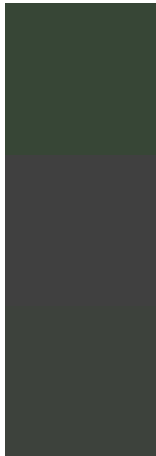
**Original Color**  
374636

**Protanomaly**  
414335

**Deuteranomaly**  
444237

**Tritanomaly**  
394442

# Monochromacy



**Original Color**  
374636

**Achromatopsia**  
404040

**Achromatomaly**  
3D423C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 374636 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 #374636 looks like.

```
.text, #text, p{  
    color:#374636  
}
```

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 #374636 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #374636
}
```

## Border

The CSS property to change the border of an element to Hex 374636 is called "border". The border property can be set on classes, ids or directly on the HTML element.

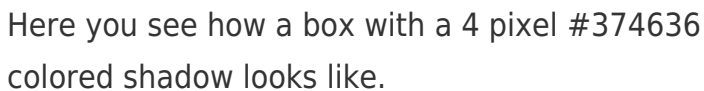
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#374636 }
```

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

```
.border{ border-color:#374636 }
```

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



Here you see how a box with a 4 pixel #374636 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #374636; -webkit-box-shadow:4px 4px  
4px 4px #374636; box-shadow:4px 4px 4px  
4px #374636 }
```

# Background

The CSS property to change the background color of an element to Hex 374636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#374636 }
```

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

```
.background{ background-color:#374636 }
```

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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