

# Converting Colors

Hex(375436)

Have a look what the booklet for  
Hex(375436) contains.

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# Color

Hex(375436)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	375436
RGB	55, 84, 54
RGB Percent	22%, 33%, 21%
CMY	0.7843, 0.6706, 0.7882
CMYK	0.35, 0.00, 0.36, 0.67
HSL	118°, 22%, 27%
HSV	118°, 36%, 33%
XYZ	5.4117, 7.4192, 4.6369
YIQ	71.9090, -7.6540, -15.4780

# Conversions

## Conversions Part 2

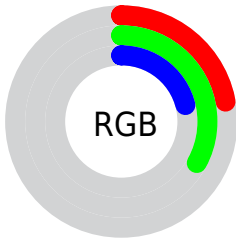
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 84, 83
Decimal	3626038
CIELab	32.74, -17.74, 14.20
CIElCh	33, 22.724, 141.336
Yxy	7.4192, 0.3098, 0.4247
Android (android.graphics.Color)	4281816118 (0xFF375436)
YUV	71.9090, -8.8291, -14.8292
Hunter-Lab	27.2382, -12.2023, 8.9736

# Details

The Hex color **375436** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **533654**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **678665**, and **0B270A** is the 20% darker color. If you saturate the color by 10%, you get **2F542E**, and if you desaturate by 10%, it is **3F543E**.

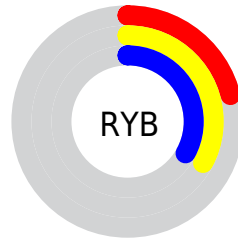
# Distribution



Red (22%)

Green (33%)

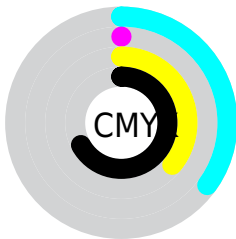
Blue (21%)



Red (21%)

Yellow (33%)

Blue (33%)

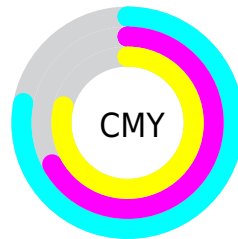


Cyan (35%)

Magenta (0%)

Yellow (36%)

Black (67%)



Cyan (78%)

Magenta (67%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 375436 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 375436 by changing the saturation by 10% instead.



 375436

 375436

FFFFFF

 203D20

 678665

 0B270A

 80A07E

 001100

 9BBB98

 000000

 B6D7B3

 D1F3CE

 EEFFEB

 375436

 375436

 2F542E

 3F543E

■ 275425

■ 475447

■ 1F541D

■ 4F544F

■ 175414

■ 575458

■ 0E540C

■ 605460

■ 065404

■ 685468

■ 035400

■ 705471

■ 785479

■ 805482

# Harmonies

## Analogous

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



4C502B



375436



1E5647

# Triad

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



375436



285070



704041

# Complementary

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



375436



533654

# 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.



6C3F53



375436



474A6E

# Square

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



375436



005468



5E4464



6A4432

# Rectangle

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



375436



075753



5E4464



703F47



# Sweetspot

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



375436



626E62



545336



313831



B8B8B8



383838



# Same Dimension

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



375436



406E3F



365444



252925



036900



08E800



# Inverse Universe

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



533654



6C3F6E



543646



292529



650069

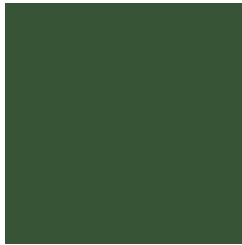


E000E8



# Previews

## White Background



This preview shows how the Hex color 375436 looks on a white background.

## Color Contrast Check

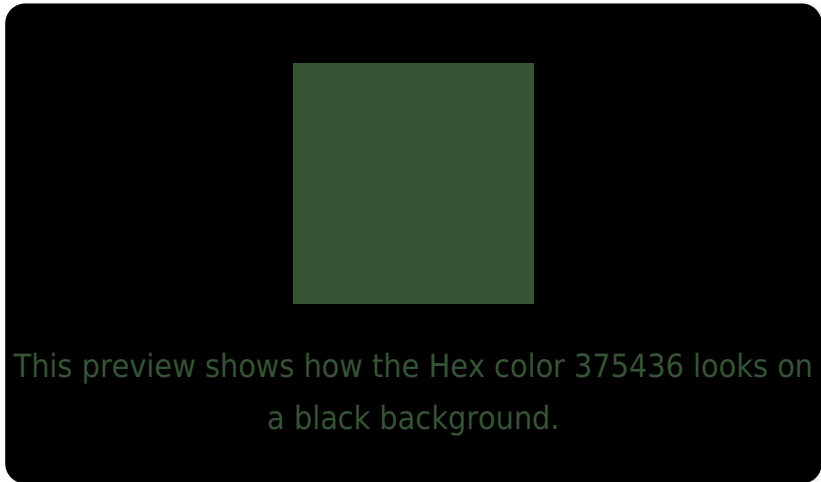
Large Text (above 18pt) WCAG AA ✓ Pass

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

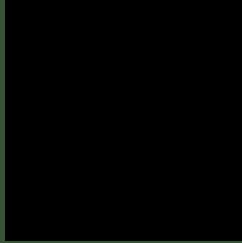
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 375436 Background



This preview shows how black text looks on a background with the Hex color 375436.



This preview shows how white text looks on a background with the Hex color 375436.

# 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**  
375436

**Protanopia**  
534D33

**Deuteranopia**  
5B4A38



**Tritanopia**  
3D5056

# Trichromacy



**Original Color**  
375436

**Protanomaly**  
495034

**Deuteranomaly**  
4E4E37

**Tritanomaly**  
3B514A

# Monochromacy



**Original Color**  
375436

**Achromatopsia**  
484848

**Achromatomaly**  
424C41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 375436 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 #375436 looks like.

```
.text, #text, p{  
    color:#375436  
}
```

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 #375436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #375436
}
```

## Border

The CSS property to change the border of an element to Hex 375436 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".

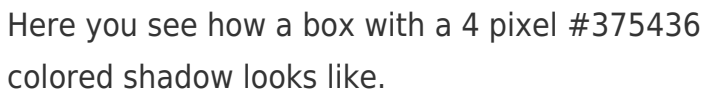
```
.border, #border, table{ border:4px solid
#375436 }
```

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

```
.border{ border-color:#375436 }
```

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

Here you see how a box with a 4 pixel #375436 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #375436; -webkit-box-shadow:4px 4px  
4px 4px #375436; box-shadow:4px 4px 4px  
4px #375436 }
```

# Background

The CSS property to change the background color of an element to Hex 375436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#375436 }
```

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

```
.background{ background-color:#375436 }
```

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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