

# Converting Colors

Hex(377337)

Have a look what the booklet for  
Hex(377337) contains.

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# Color

Hex(377337)

# Conversions

## Conversions Part 1

Format	Color
Hex	377337
RGB	55, 115, 55
RGB Percent	22%, 45%, 22%
CMY	0.7843, 0.5490, 0.7843
CMYK	0.52, 0.00, 0.52, 0.55
HSL	120°, 35%, 33%
HSV	120°, 52%, 45%
XYZ	8.3959, 13.3495, 5.7486
YIQ	90.2200, -16.5000, -31.3800

# Conversions

## Conversions Part 2

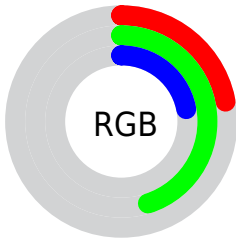
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 115, 115
Decimal	3633975
CIELab	43.29, -32.86, 27.19
CIElCh	43, 42.649, 140.398
Yxy	13.3495, 0.3054, 0.4855
Android (android.graphics.Color)	4281824055 (0xFF377337)
YUV	90.2200, -17.3635, -30.8879
Hunter-Lab	36.5370, -22.9221, 16.2474

# Details

The Hex color **377337** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **733773**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **6BA867**, and **004209** is the 20% darker color. If you saturate the color by 10%, you get **2C732C**, and if you desaturate by 10%, it is **437343**.

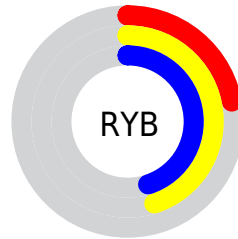
# Distribution



Red (22%)

Green (45%)

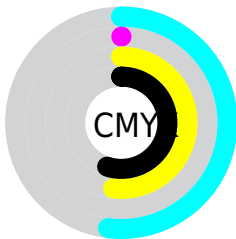
Blue (22%)



Red (22%)

Yellow (45%)

Blue (45%)

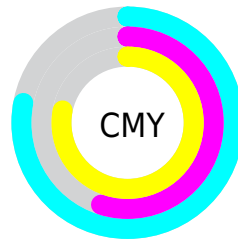


Cyan (52%)

Magenta (0%)

Yellow (52%)

Black (55%)



Cyan (78%)

Magenta (55%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 377337 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 377337 by changing the saturation by 10% instead.



 377337

 377337

FFFFFF

 1C5A20

 6BA867

 004209

 85C381

 002B00

 A0DF9B

 001400

 BCFCB6

 000000

 D8FFD2

 F5FFEE

 377337

 377337

 2C732C

 437343

■ 207320

■ 4E734E

■ 157315

■ 5A735A

■ 097309

■ 657365

■ 007300

■ 717371

■ 7C737C

■ 887388

■ 937393

■ 9F739F

# Harmonies

## Analogous

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



626C1F



377337



007759

# Triad

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



377337



006DAC



A74850

# Complementary

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



377337



733773

# 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.



A14773



377337



5362A9

# Square

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



377337



00759C



865394



9B5331

# Rectangle

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



377337



007772



865394



A7465B



# Sweetspot

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



377337



7E967E



737337



3E4D3E



CCCCCC



4D4D4D



# Same Dimension

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



377337



389638



377355



353B35



007A00



00FA00



# Inverse Universe

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



733773



963896



733755



3B353B



7A007A



FA00FA



# Previews

## White Background



This preview shows how the Hex color 377337 looks on a white background.

## Color Contrast Check

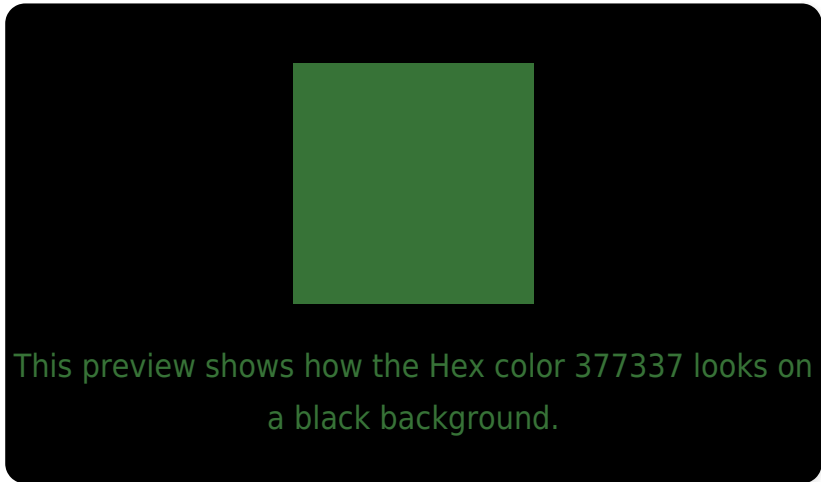
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

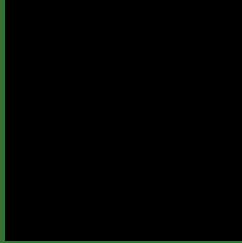
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 377337 Background



This preview shows how black text looks on a background with the Hex color 377337.



This preview shows how white text looks on a background with the Hex color 377337.

# 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**  
377337

**Protanopia**  
716633

**Deuteranopia**  
7C613C



**Tritanopia**  
456C75

# Trichromacy



**Original Color**  
377337

**Protanomaly**  
5C6B34

**Deuteranomaly**  
63683A

**Tritanomaly**  
406F5E

# Monochromacy



**Original Color**  
377337

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
4D634D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 377337 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 #377337 looks like.

```
.text, #text, p{  
    color:#377337  
}
```

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 #377337 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #377337  
}
```

## Border

The CSS property to change the border of an element to Hex 377337 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  
#377337 }
```

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

```
.border{ border-color:#377337 }
```

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

Here you see how a box with a 4 pixel #377337 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #377337; -webkit-box-shadow:4px 4px  
4px 4px #377337; box-shadow:4px 4px 4px  
4px #377337 }
```

# Background

The CSS property to change the background color of an element to Hex 377337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#377337 }
```

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

```
.background{ background-color:#377337 }
```

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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