

# Converting Colors

Hex(375532)

Have a look what the booklet for  
Hex(375532) contains.

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# Color

Hex(375532)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	375532
RGB	55, 85, 50
RGB Percent	22%, 33%, 20%
CMY	0.7843, 0.6667, 0.8039
CMYK	0.35, 0.00, 0.41, 0.67
HSL	111°, 26%, 26%
HSV	111°, 41%, 33%
XYZ	5.3998, 7.5395, 4.1883
YIQ	72.0400, -6.6450, -17.2450

# Conversions

## Conversions Part 2

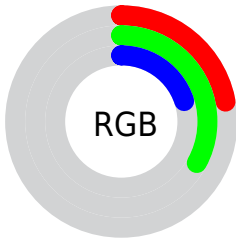
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 85, 80
Decimal	3626290
CIELab	33.00, -19.02, 16.98
CIELCh	33, 25.492, 138.239
Yxy	7.5395, 0.3153, 0.4402
Android (android.graphics.Color)	4281816370 (0xFF375532)
YUV	72.0400, -10.8657, -14.9441
Hunter-Lab	27.4582, -12.9490, 10.1770

# Details

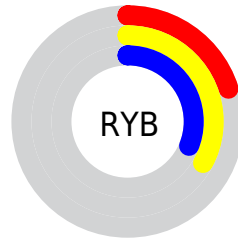
The Hex color **375532** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **503255**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **678761**, and **0B2704** is the 20% darker color. If you saturate the color by 10%, you get **305529**, and if you desaturate by 10%, it is **3E553A**.

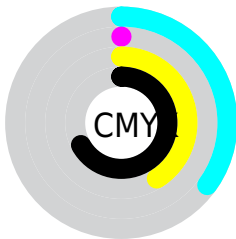
# Distribution



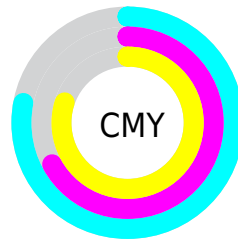
- Red (22%)
- Green (33%)
- Blue (20%)



- Red (20%)
- Yellow (33%)
- Blue (31%)



- Cyan (35%)
- Magenta (0%)
- Yellow (41%)
- Black (67%)



- Cyan (78%)
- Magenta (67%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 375532 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 375532 by changing the saturation by 10% instead.





375532



375532

FFFFFF



203E1C



678761



0B2704



81A17A



001200



9BBC94



000000



B6D8AE



D2F5CA



EEFFE6



375532



375532



305529



3E553A

■ 285521

■ 465543

■ 215519

■ 4D554B

■ 1A5510

■ 545554

■ 135508

■ 5B555D

■ 0C5500

■ 635565

■ 6A556D

■ 715576

■ 79557E

# Harmonies

## Analogous

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



4E5026



375532



195845

# Triad

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



375532



1A5275



743E42

# Complementary

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



375532



503255

# 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.



6F3E56



375532



434B74

# Square

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



375532



00566B



5F4469



6F4330

# Rectangle

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



375532



005853



5F4469



743D49



# Sweetspot

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



375532



626E60



555032



313830



B8B8B8



383838



# Same Dimension

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



375532



406E38



32553E



282B27



0F6B00



22EB00



# Inverse Universe

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



503255



66386E



553249



2B272B



5C006B

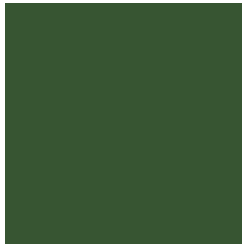


C900EB



# Previews

## White Background



This preview shows how the Hex color 375532 looks on a white background.

## Color Contrast Check

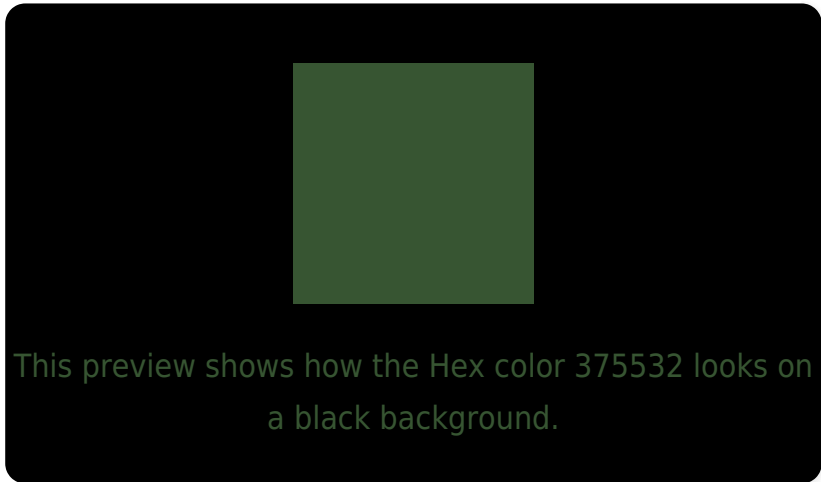
Large Text (above 18pt) WCAG AA ✓ Pass

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

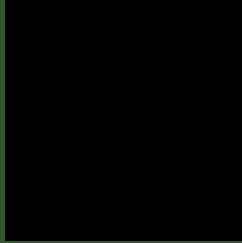
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 375532 Background



This preview shows how black text looks on a background with the Hex color 375532.



This preview shows how white text looks on a background with the Hex color 375532.

# 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**  
375532

**Protanopia**  
554D2F

**Deuteranopia**  
5D4A35



**Tritanopia**  
3E5157

# Trichromacy



**Original Color**  
375532

**Protanomaly**  
4A5030

**Deuteranomaly**  
4F4E34

**Tritanomaly**  
3B524A

# Monochromacy



**Original Color**  
375532

**Achromatopsia**  
484848

**Achromatomaly**  
424D40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 375532 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 #375532 looks like.

```
.text, #text, p{  
    color:#375532  
}
```

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 #375532 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #375532
}
```

## Border

The CSS property to change the border of an element to Hex 375532 is called "border". The border property can be set on classes, ids or directly on the HTML element.

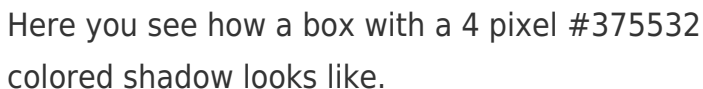
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#375532 }
```

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

```
.border{ border-color:#375532 }
```

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



Here you see how a box with a 4 pixel #375532 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #375532; -webkit-box-shadow:4px 4px  
4px 4px #375532; box-shadow:4px 4px 4px  
4px #375532 }
```

# Background

The CSS property to change the background color of an element to Hex 375532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#375532 }
```

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

```
.background{ background-color:#375532 }
```

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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