

# Converting Colors

Hex(397037)

Have a look what the booklet for  
Hex(397037) contains.

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**Color**

**Hex(397037)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 397037                      |
| RGB         | 57, 112, 55                 |
| RGB Percent | 22%, 44%, 22%               |
| CMY         | 0.7765, 0.5608, 0.7843      |
| CMYK        | 0.49, 0.00, 0.51, 0.56      |
| HSL         | 118°, 34%, 33%              |
| HSV         | 118°, 51%, 44%              |
| XYZ         | 8.1711, 12.7340, 5.6417     |
| YIQ         | 89.0570, -14.4830, -29.3870 |

# Conversions

## Conversions Part 2

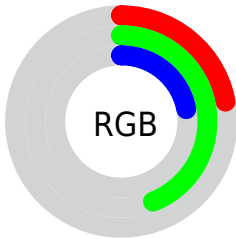
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 55, 112, 110                   |
| Decimal                             | 3764279                        |
| CIELab                              | 42.36, -30.88, 26.06           |
| CIElCh                              | 42, 40.404, 139.837            |
| Yxy                                 | 12.7340, 0.3078,<br>0.4797     |
| Android<br>(android.graphics.Color) | 4281954359<br>(0xFF397037)     |
| YUV                                 | 89.0570, -16.7901,<br>-28.1140 |
| Hunter-Lab                          | 35.6848, -21.5754,<br>15.6057  |

# Details

The Hex color **397037** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6E3770**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **6CA467**, and **003F0A** is the 20% darker color. If you saturate the color by 10%, you get **2E702C**, and if you desaturate by 10%, it is **447042**.

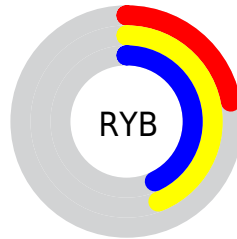
# Distribution



Red (22%)

Green (44%)

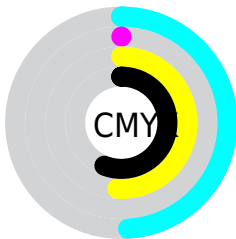
Blue (22%)



Red (22%)

Yellow (44%)

Blue (43%)

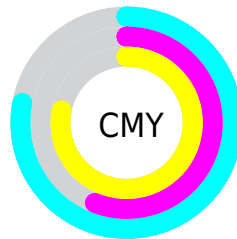


Cyan (49%)

Magenta (0%)

Yellow (51%)

Black (56%)



Cyan (78%)

Magenta (56%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 397037 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 397037 by changing the saturation by 10% instead.



 397037

 397037

FFFFFF

 1F5720


 6CA467

 003F0A

 86C081

 002900

 A2DC9B

 000F00

 BDF8B6

 000000

 D9FFD2

 F6FFEE

 397037

 397037

 2E702C

 447042

 237021

 4F704D

 197015

 597059

 0E700A

 647064

 047000

 6F706F

 7A707A

 857085

 8F7091

 9A709C

# Harmonies

## Analogous

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



616921



397037



007457

# Triad

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



397037



006BA5



A1474F

# Complementary

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



397037



6E3770

# 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.



9B4771



397037



5260A3

# Square

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



397037



007296



82528F



975132

# Rectangle

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



397037



00746E



82528F



A1465A



# Sweetspot

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



397037



7C917C



706D37



3D4A3D



C9C9C9



4A4A4A



# Same Dimension

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



397037



3C9139



377051



333832



047800



09F700



# Inverse Universe

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



6E3770



8E3991



703756



383238



740078



EF00F7



# Previews

## White Background



This preview shows how the Hex color 397037 looks on a white background.

## Color Contrast Check

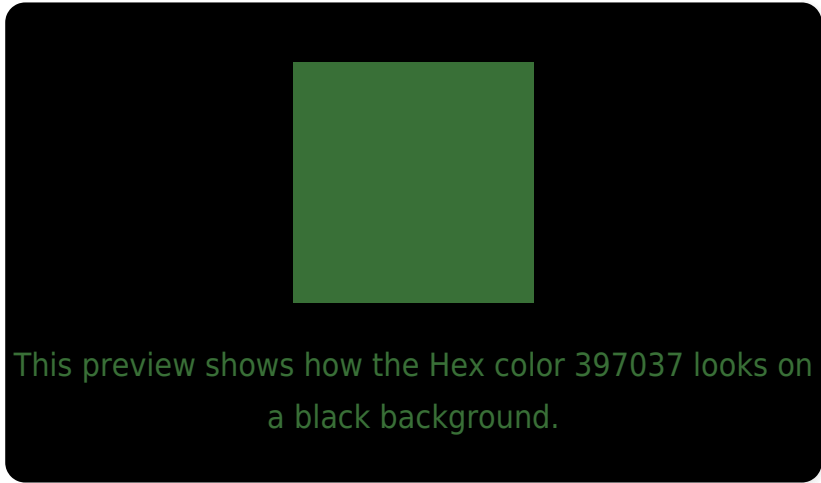
Large Text (above 18pt) WCAG AA ✓ Pass

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

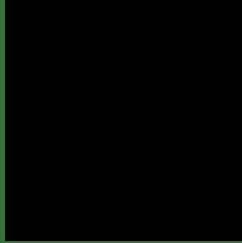
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 397037 Background



This preview shows how black text looks on a background with the Hex color 397037.



This preview shows how white text looks on a background with the Hex color 397037.

# 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**  
397037

**Protanopia**  
6E6433

**Deuteranopia**  
795F3B



**Tritanopia**  
456A72

# Trichromacy



**Original Color**  
397037

**Protanomaly**  
5B6834

**Deuteranomaly**  
62653A

**Tritanomaly**  
416C5D

# Monochromacy



**Original Color**  
397037

**Achromatopsia**  
595959

**Achromatomaly**  
4D614D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 397037 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 #397037 looks like.

```
.text, #text, p{  
    color:#397037  
}
```

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 #397037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #397037
}
```

## Border

The CSS property to change the border of an element to Hex 397037 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
#397037 }
```

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

```
.border{ border-color:#397037 }
```

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

Here you see how a box with a 4 pixel #397037 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #397037; -webkit-box-shadow:4px 4px  
4px 4px #397037; box-shadow:4px 4px 4px  
4px #397037 }
```

# Background

The CSS property to change the background color of an element to Hex 397037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#397037 }
```

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

```
.background{ background-color:#397037 }
```

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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