

# Converting Colors

Hex(397650)

Have a look what the booklet for  
Hex(397650) contains.

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# Color

**Hex(397650)**

# Conversions

## Conversions Part 1

Format	Color
Hex	397650
RGB	57, 118, 80
RGB Percent	22%, 46%, 31%
CMY	0.7765, 0.5373, 0.6863
CMYK	0.52, 0.00, 0.32, 0.54
HSL	143°, 35%, 34%
HSV	143°, 52%, 46%
XYZ	9.6137, 14.4059, 9.8633
YIQ	95.4290, -24.1580, -24.7500

# Conversions

## Conversions Part 2

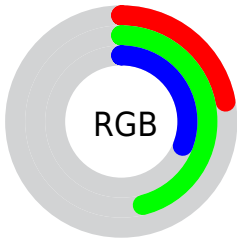
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 101, 118
Decimal	3765840
CIELab	44.81, -29.15, 15.02
CIELCh	45, 32.790, 152.734
Yxy	14.4059, 0.2837, 0.4252
Android (android.graphics.Color)	4281955920 (0xFF397650)
YUV	95.4290, -7.6065, -33.7022
Hunter-Lab	37.9551, -21.2088, 11.1610

# Details

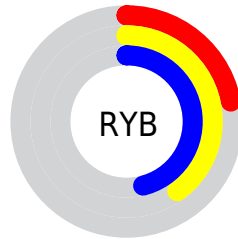
The Hex color **397650** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **76395F**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **6CAB81**, and **004523** is the 20% darker color. If you saturate the color by 10%, you get **2D7649**, and if you desaturate by 10%, it is **457657**.

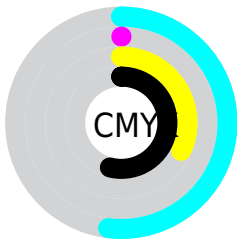
# Distribution



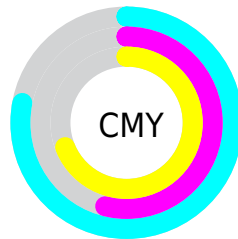
- Red (22%)
- Green (46%)
- Blue (31%)



- Red (22%)
- Yellow (40%)
- Blue (46%)



- Cyan (52%)
- Magenta (0%)
- Yellow (32%)
- Black (54%)



- Cyan (78%)
- Magenta (54%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 397650 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 397650 by changing the saturation by 10% instead.



 397650

 397650

FFFFFF

 1F5D39

 6CAB81

 004523

 87C69C

 002E0E

 A2E2B6

 001900

 BEFFD2

 000000

 DAFEE

 F7FFFF

 397650

 397650

 2D7649

 457657

■ 217641

■ 51765F

■ 16763A

■ 5C7666

■ 0A7633

■ 68766D

■ 00762C

■ 747675

■ 80767C

■ 8C7683

■ 97768B

■ A37692

# Harmonies

## Analogous

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



5C713B



397650



00786C

# Triad

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



397650



416CA0



9C574E

# Complementary

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



397650



76395F

# 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.



9D5469



397650



706298

# Square

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



397650



00739A



8E5883



8F603A

# Rectangle

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



397650



00787E



8E5883



9E5556



# Sweetspot

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



397650



81998A



607639



3E4D43



CCCCCC



4D4D4D



# Same Dimension

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



397650



3A995E



39766E



353B37



007A2E



00FA5E



# Inverse Universe

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



76395F



993A75



763941



3B3538



7A004C



FA009C



# Previews

## White Background



This preview shows how the Hex color 397650 looks on a white background.

## Color Contrast Check

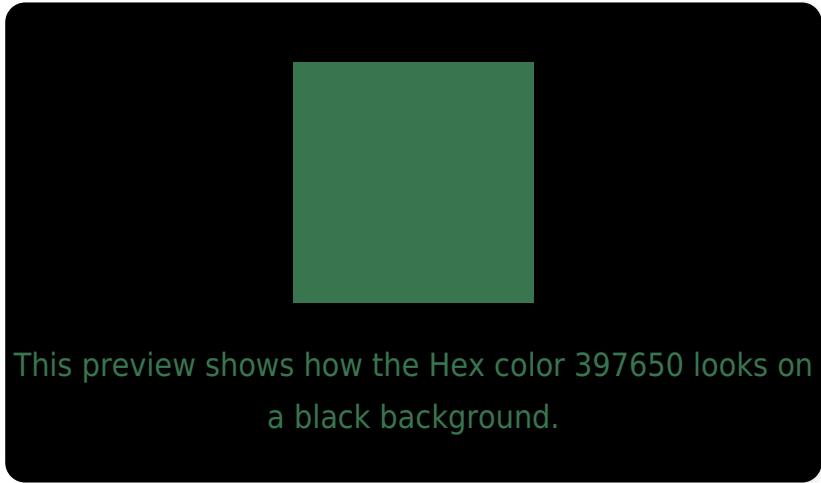
Large Text (above 18pt) WCAG AA ✓ Pass

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

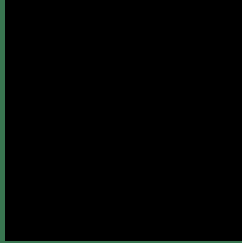
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 397650 Background



This preview shows how black text looks on a background with the Hex color 397650.



This preview shows how white text looks on a background with the Hex color 397650.

# 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**  
397650

**Protanopia**  
72694B

**Deuteranopia**  
7B6554



**Tritanopia**  
44717A

# Trichromacy



**Original Color**  
397650

**Protanomaly**  
5D6E4D

**Deuteranomaly**  
636B53

**Tritanomaly**  
40736B

# Monochromacy



**Original Color**  
397650

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
51675A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 397650 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 #397650 looks like.

```
.text, #text, p{  
    color:#397650  
}
```

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 #397650 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #397650
}
```

## Border

The CSS property to change the border of an element to Hex 397650 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
#397650 }
```

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

```
.border{ border-color:#397650 }
```

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

Here you see how a box with a 4 pixel #397650 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #397650; -webkit-box-shadow:4px 4px  
4px 4px #397650; box-shadow:4px 4px 4px  
4px #397650 }
```

# Background

The CSS property to change the background color of an element to Hex 397650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#397650 }
```

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

```
.background{ background-color:#397650 }
```

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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