

# Converting Colors

Hex(637350)

Have a look what the booklet for  
Hex(637350) contains.

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# Color

**Hex(637350)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	637350
RGB	99, 115, 80
RGB Percent	39%, 45%, 31%
CMY	0.6118, 0.5490, 0.6863
CMYK	0.14, 0.00, 0.30, 0.55
HSL	87°, 18%, 38%
HSV	87°, 30%, 45%
XYZ	12.7243, 15.4933, 9.9093
YIQ	106.2260, 1.6990, -14.2770

# Conversions

## Conversions Part 2

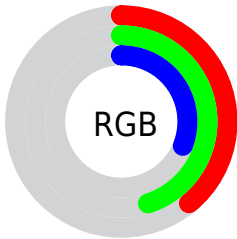
Format	Color
<a href="#">RYB</a>	<a href="#">80, 115, 96</a>
Decimal	<a href="#">6517584</a>
CIELab	<a href="#">46.30, -12.76, 17.46</a>
CIELCh	<a href="#">46, 21.626, 126.175</a>
Yxy	<a href="#">15.4933, 0.3337, 0.4064</a>
Android (android.graphics.Color)	<a href="#">4284707664 (0xFF637350)</a>
YUV	<a href="#">106.2260, -12.9294, -6.3372</a>
Hunter-Lab	<a href="#">39.3615, -11.1795, 12.6268</a>

# Details

The Hex color **637350** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **605073**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **96A781**, and **344323** is the 20% darker color. If you saturate the color by 10%, you get **5E7344**, and if you desaturate by 10%, it is **68735C**.

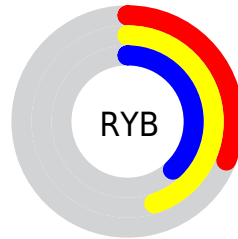
# Distribution



Red (39%)

Green (45%)

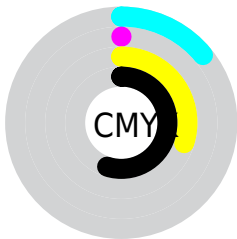
Blue (31%)



Red (31%)

Yellow (45%)

Blue (38%)

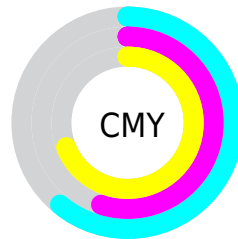


Cyan (14%)

Magenta (0%)

Yellow (30%)

Black (55%)



Cyan (61%)

Magenta (55%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 637350 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 637350 by changing the saturation by 10% instead.



 637350

 637350

FFFFFF

 4B5A39

 96A781

 344323

 B1C29C

 1E2D0E

 CDDEB7

 021900

 E9FBD2

 000000

 FFFFEF

 637350

 637350

 5E7344

 68735C

 587339

 6E7367

■ 53732D

■ 737372

■ 4E7322

■ 78737E

■ 497316

■ 7D738A

■ 43730B

■ 837395

■ 3E7300

■ 8873A1

■ 8D73AC

■ 9273B8

# Harmonies

## Analogous

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



776E4A



637350



4E765E

# Triad

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



637350



42748E



91606B

# Complementary

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



637350



605073

# 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.



88627D



637350



5C6E91

# Square

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



637350



347782



75688B



906259

# Rectangle

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



637350



41786B



75688B



8F6071



# Sweetspot

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



637350



909689



736050



494D44



CCCCCC



4D4D4D



# Same Dimension

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



637350



7D965F



527350



383B35



427A00



88FA00



# Inverse Universe

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



605073



785F96



715073



37353B



38007A



7200FA



# Previews

## White Background



This preview shows how the Hex color 637350 looks on a white background.

## Color Contrast Check

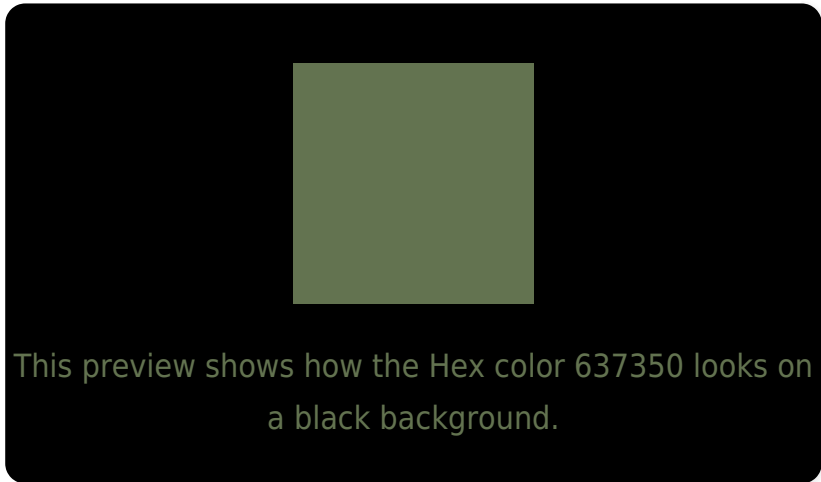
Large Text (above 18pt) WCAG AA ✓ Pass

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

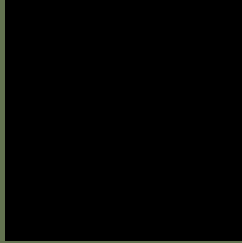
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 637350 Background



This preview shows how black text looks on a background with the Hex color 637350.



This preview shows how white text looks on a background with the Hex color 637350.

# 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**  
637350

**Protanopia**  
766D4E

**Deuteranopia**  
816952



**Tritanopia**  
696E77

# Trichromacy



**Original Color**  
637350

**Protanomaly**  
6F6F4F

**Deuteranomaly**  
766D51

**Tritanomaly**  
677069

# Monochromacy



**Original Color**  
637350

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
676D61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 637350 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 #637350 looks like.

```
.text, #text, p{  
    color:#637350  
}
```

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 #637350 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637350
}
```

## Border

The CSS property to change the border of an element to Hex 637350 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
#637350 }
```

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

```
.border{ border-color:#637350 }
```

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

Here you see how a box with a 4 pixel #637350 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637350; -webkit-box-shadow:4px 4px  
4px 4px #637350; box-shadow:4px 4px 4px  
4px #637350 }
```

# Background

The CSS property to change the background color of an element to Hex 637350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637350 }
```

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

```
.background{ background-color:#637350 }
```

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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