

# Converting Colors

Hex(637C50)

Have a look what the booklet for  
Hex(637C50) contains.

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# Color

Hex(637C50)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	637C50
RGB	99, 124, 80
RGB Percent	39%, 49%, 31%
CMY	0.6118, 0.5137, 0.6863
CMYK	0.20, 0.00, 0.35, 0.51
HSL	94°, 22%, 40%
HSV	94°, 35%, 49%
XYZ	13.8012, 17.6471, 10.2683
YIQ	111.5090, -0.7760, -18.9840

# Conversions

## Conversions Part 2

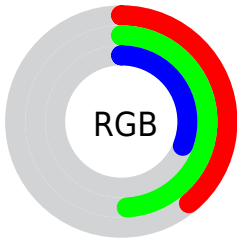
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 124, 105
Decimal	6519888
CIELab	49.07, -17.65, 21.15
CIELCh	49, 27.545, 129.852
Yxy	17.6471, 0.3308, 0.4230
Android (android.graphics.Color)	4284709968 (0xFF637C50)
YUV	111.5090, -15.5339, -10.9704
Hunter-Lab	42.0085, -14.8716, 14.9135

# Details

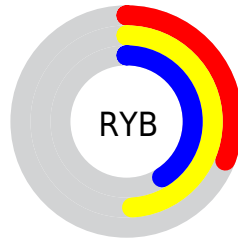
The Hex color **637C50** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **69507C**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **96B182**, and **334B22** is the 20% darker color. If you saturate the color by 10%, you get **5C7C44**, and if you desaturate by 10%, it is **6A7C5C**.

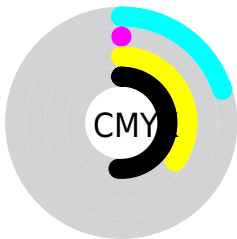
# Distribution



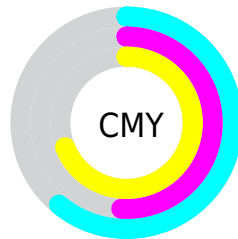
- Red (39%)
- Green (49%)
- Blue (31%)



- Red (31%)
- Yellow (49%)
- Blue (41%)



- Cyan (20%)
- Magenta (0%)
- Yellow (35%)
- Black (51%)



- Cyan (61%)
- Magenta (51%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 637C50 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 637C50 by changing the saturation by 10% instead.



637C50

637C50

FFFFFF

4B6339

96B182

334B22

B1CC9C

1D340D

CDE8B7

051F00

E9FFD3

000000

FFFFEF

637C50

637C50

5C7C44

6A7C5C

557C37

717C69

■ 4E7C2B

■ 787C75

■ 477C1E

■ 7F7C82

■ 407C12

■ 867C8E

■ 397C06

■ 8D7C9A

■ 367C00

■ 947CA7

■ 9B7CB3

■ A27CC0

# Harmonies

## Analogous

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



7D7646



637C50



468064

# Triad

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



637C50



397BA0



A2636E

# Complementary

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



637C50



69507C

# 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.



986585



637C50



6074A2

# Square

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



637C50



198092



816C98



9F6658

# Rectangle

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



637C50



328174



816C98



A06376



# Sweetspot

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



637C50



97A18F



7C6950



4C5247



D1D1D1



525252



# Same Dimension

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



637C50



79A15C



507C53



3A3D37



367D00



6DFC00



# Inverse Universe

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



69507C



835CA1



7C5079



3B373D



47007D



8F00FC



# Previews

## White Background



This preview shows how the Hex color 637C50 looks on a white background.

## Color Contrast Check

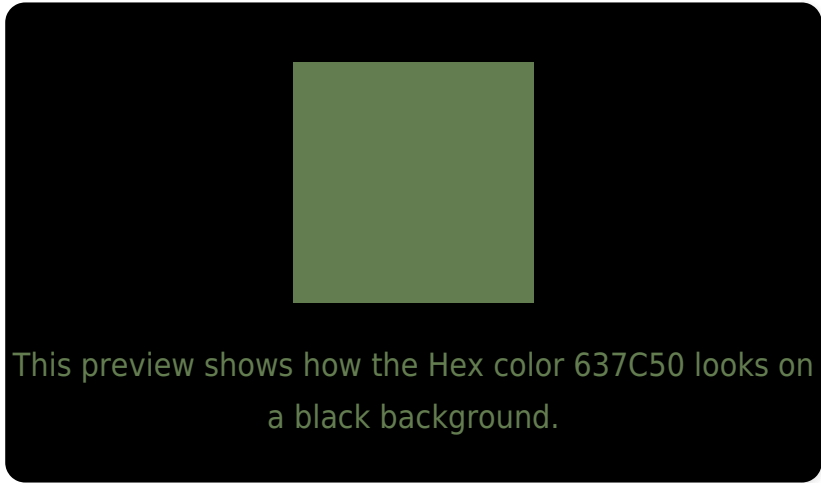
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

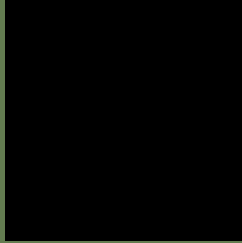
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

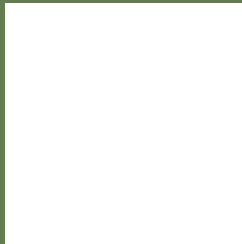
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 637C50 Background



This preview shows how black text looks on a background with the Hex color 637C50.



This preview shows how white text looks on a background with the Hex color 637C50.

# 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





**Tritanopia**  
6A7680

# Trichromacy



**Original Color**  
637C50

**Protanomaly**  
74774E

**Deuteranomaly**  
7C7452

**Tritanomaly**  
67786F

# Monochromacy



**Original Color**  
637C50

**Achromatopsia**  
707070

**Achromatomaly**  
6B7464

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 637C50 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 #637C50 looks like.

```
.text, #text, p{  
    color:#637C50  
}
```

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 #637C50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637C50
}
```

## Border

The CSS property to change the border of an element to Hex 637C50 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
#637C50 }
```

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

```
.border{ border-color:#637C50 }
```

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

Here you see how a box with a 4 pixel #637C50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637C50; -webkit-box-shadow:4px 4px  
4px 4px #637C50; box-shadow:4px 4px 4px  
4px #637C50 }
```

# Background

The CSS property to change the background color of an element to Hex 637C50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637C50 }
```

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

```
.background{ background-color:#637C50 }
```

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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