

# Converting Colors

Hex(637E4E)

Have a look what the booklet for  
Hex(637E4E) contains.

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# Color

Hex(637E4E)

# Conversions

## Conversions Part 1

Format	Color
Hex	637E4E
RGB	99, 126, 78
RGB Percent	39%, 49%, 31%
CMY	0.6118, 0.5059, 0.6941
CMYK	0.21, 0.00, 0.38, 0.51
HSL	94°, 24%, 40%
HSV	94°, 38%, 49%
XYZ	13.9816, 18.1244, 9.9692
YIQ	112.4550, -0.6840, -20.6520

# Conversions

## Conversions Part 2

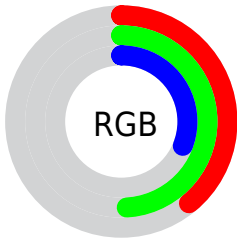
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 126, 105
Decimal	6520398
CIELab	49.65, -19.02, 23.04
CIELCh	50, 29.876, 129.535
Yxy	18.1244, 0.3323, 0.4308
Android (android.graphics.Color)	4284710478 (0xFF637E4E)
YUV	112.4550, -16.9863, -11.8000
Hunter-Lab	42.5728, -15.8801, 15.9171

# Details

The Hex color **637E4E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **694E7E**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **97B380**, and **334D20** is the 20% darker color. If you saturate the color by 10%, you get **5C7E41**, and if you desaturate by 10%, it is **6A7E5B**.

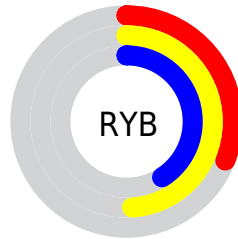
# Distribution



Red (39%)

Green (49%)

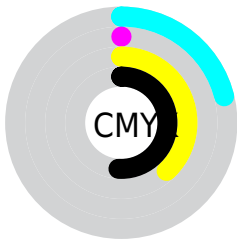
Blue (31%)



Red (31%)

Yellow (49%)

Blue (41%)

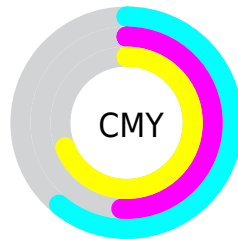


Cyan (21%)

Magenta (0%)

Yellow (38%)

Black (51%)



Cyan (61%)

Magenta (51%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 637E4E 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 637E4E by changing the saturation by 10% instead.





637E4E



637E4E

FFFFFF



4A6537



97B380



334D20



B2CE9A



1C360A



CDEBB5



042100



EAFFD0



000000



FFFFED



637E4E



637E4E



5C7E41



6A7E5B



557E35



717E67

■ 4E7E28

■ 787E74

■ 477E1C

■ 7F7E80

■ 407E0F

■ 867E8D

■ 387E02

■ 8E7E9A

■ 377E00

■ 957EA6

■ 9C7EB3

■ A37EBF

# Harmonies

## Analogous

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



7F7743



637E4E



438263

# Triad

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



637E4E



307DA5



A7626F

# Complementary

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



637E4E



694E7E

# 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.



9C6588



637E4E



5E76A8

# Square

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



637E4E



008296



836C9D



A46657

# Rectangle

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



637E4E



2A8375



836C9D



A56277



# Sweetspot

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



637E4E



99A391



7E684E



4C5247



D1D1D1



525252



# Same Dimension

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



637E4E



79A358



4E7E50



3C4039



388000



000000



# Inverse Universe

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



694E7E



8258A3



7E4E7C



3D3940



480080



000000



# Previews

## White Background



This preview shows how the Hex color 637E4E looks on a white background.

## Color Contrast Check

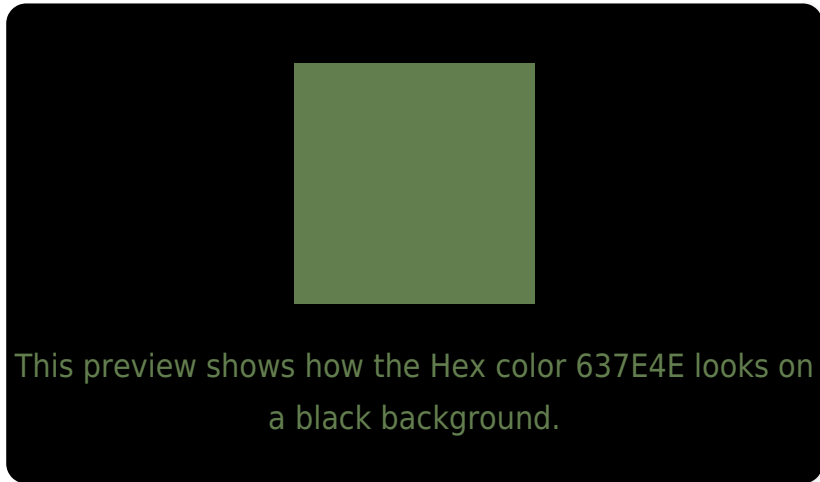
Large Text (above 18pt) WCAG AA ✓ Pass

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

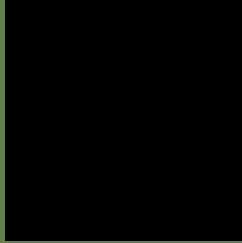
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 637E4E Background



This preview shows how black text looks on a background with the Hex color 637E4E.



This preview shows how white text looks on a background with the Hex color 637E4E.

# 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**  
6B7881

# Trichromacy



**Original Color**  
637E4E

**Protanomaly**  
75794C

**Deuteranomaly**  
7E7650

**Tritanomaly**  
687A6E

# Monochromacy



**Original Color**  
637E4E

**Achromatopsia**  
707070

**Achromatomaly**  
6B7564

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 637E4E 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 #637E4E looks like.

```
.text, #text, p{  
    color:#637E4E  
}
```

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 #637E4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637E4E
}
```

## Border

The CSS property to change the border of an element to Hex 637E4E 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
#637E4E }
```

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

```
.border{ border-color:#637E4E }
```

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

Here you see how a box with a 4 pixel #637E4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637E4E; -webkit-box-shadow:4px 4px  
4px 4px #637E4E; box-shadow:4px 4px 4px  
4px #637E4E }
```

# Background

The CSS property to change the background color of an element to Hex 637E4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637E4E }
```

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

```
.background{ background-color:#637E4E }
```

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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