

# Converting Colors

Hex(637D4F)

Have a look what the booklet for  
Hex(637D4F) contains.

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# Color

Hex(637D4F)

# Conversions

## Conversions Part 1

Format	Color
Hex	637D4F
RGB	99, 125, 79
RGB Percent	39%, 49%, 31%
CMY	0.6118, 0.5098, 0.6902
CMYK	0.21, 0.00, 0.37, 0.51
HSL	94°, 23%, 40%
HSV	94°, 37%, 49%
XYZ	13.8905, 17.8844, 10.1171
YIQ	111.9820, -0.7300, -19.8180

# Conversions

## Conversions Part 2

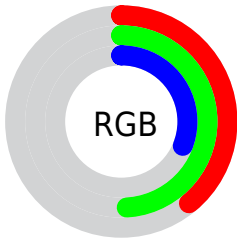
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 125, 105
Decimal	6520143
CIELab	49.36, -18.34, 22.10
CIElCh	49, 28.714, 129.689
Yxy	17.8844, 0.3316, 0.4269
Android (android.graphics.Color)	4284710223 (0xFF637D4F)
YUV	111.9820, -16.2601, -11.3852
Hunter-Lab	42.2899, -15.3776, 15.4190

# Details

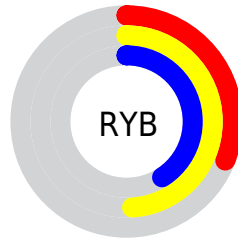
The Hex color **637D4F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **694F7D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **97B281**, and **334C21** is the 20% darker color. If you saturate the color by 10%, you get **5C7D43**, and if you desaturate by 10%, it is **6A7D5C**.

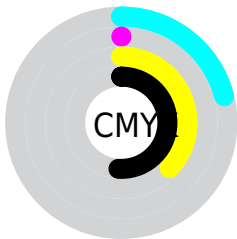
# Distribution



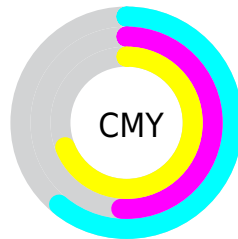
- Red (39%)
- Green (49%)
- Blue (31%)



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



- Cyan (21%)
- Magenta (0%)
- Yellow (37%)
- Black (51%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 637D4F 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 637D4F by changing the saturation by 10% instead.





637D4F



637D4F

FFFFFF



4B6438



97B281



334C21



B2CD9B



1C350C



CDE9B6



042000



EAFFD1



000000



FFFEE



637D4F



637D4F



5C7D43



6A7D5C



557D36



717D68

■ 4E7D2A

■ 787D75

■ 477D1D

■ 7F7D81

■ 407D11

■ 867D8E

■ 397D04

■ 8D7D9A

■ 367D00

■ 947DA7

■ 9C7DB3

■ A37DC0

# Harmonies

## Analogous

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



7E7645



637D4F



458164

# Triad

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



637D4F



347CA2



A5626E

# Complementary

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



637D4F



694F7D

# 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.



9A6587



637D4F



5F75A5

# Square

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



637D4F



0C8194



826C9B



A26657

# Rectangle

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



637D4F



2E8274



826C9B



A36277



# Sweetspot

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



637D4F



99A391



7D684F



4C5247



D1D1D1



525252



# Same Dimension

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



637D4F



7BA35B



4F7D51



3C4039



378000



000000



# Inverse Universe

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



694F7D



845BA3



7D4F7B



3D3940



480080



000000



# Previews

## White Background



This preview shows how the Hex color 637D4F looks on a white background.

## Color Contrast Check

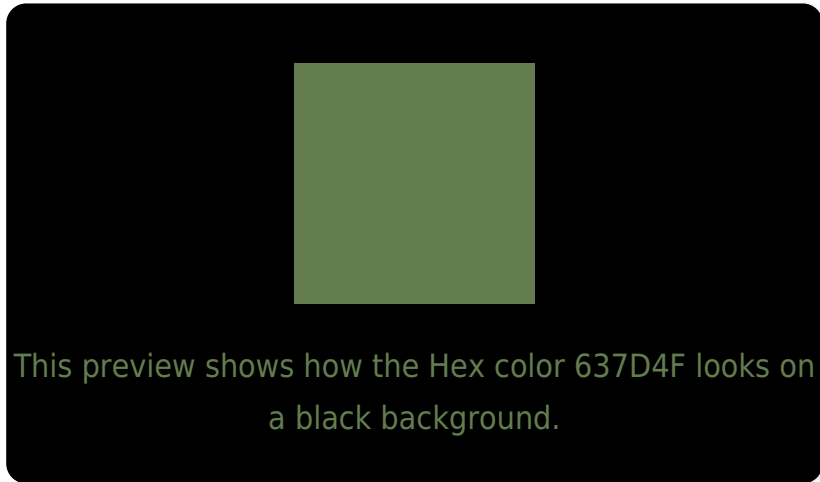
Large Text (above 18pt) WCAG AA ✓ Pass

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

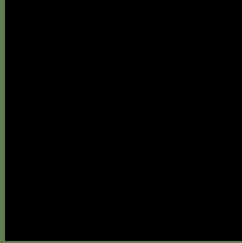
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 637D4F Background



This preview shows how black text looks on a background with the Hex color 637D4F.



This preview shows how white text looks on a background with the Hex color 637D4F.

# 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**  
637D4F

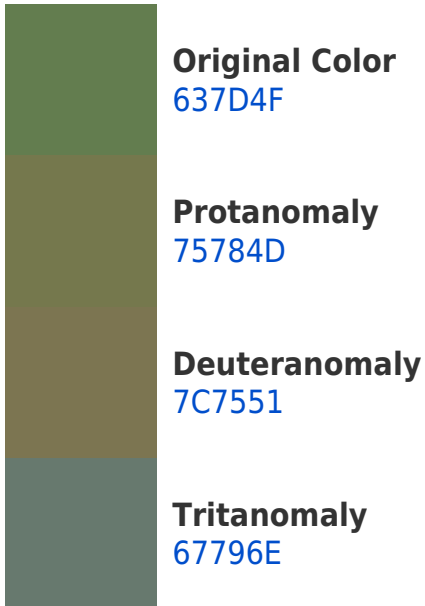
**Protanopia**  
7F754C

**Deuteranopia**  
8B7052

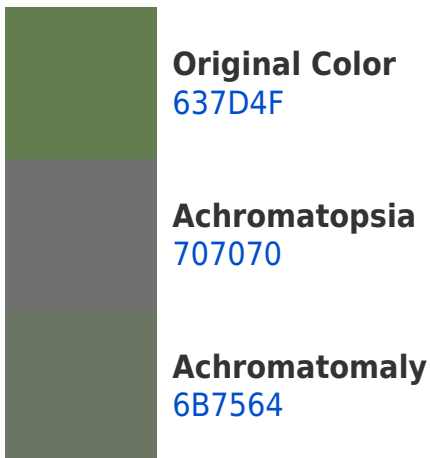


**Tritanopia**  
6A7780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 637D4F 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 #637D4F looks like.

```
.text, #text, p{  
    color:#637D4F  
}
```

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 #637D4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637D4F
}
```

## Border

The CSS property to change the border of an element to Hex 637D4F is called "border". The border property can be set on classes, ids or directly on the HTML element.

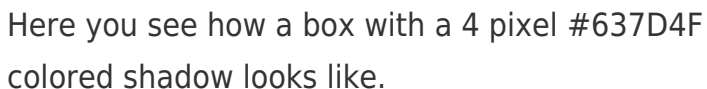
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#637D4F }
```

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

```
.border{ border-color:#637D4F }
```

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



Here you see how a box with a 4 pixel #637D4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637D4F; -webkit-box-shadow:4px 4px  
4px 4px #637D4F; box-shadow:4px 4px 4px  
4px #637D4F }
```

# Background

The CSS property to change the background color of an element to Hex 637D4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637D4F }
```

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

```
.background{ background-color:#637D4F }
```

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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