

# Converting Colors

Hex(63613F)

Have a look what the booklet for  
Hex(63613F) contains.

<b>Hex(63613F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(63613F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	63613F
RGB	99, 97, 63
RGB Percent	39%, 38%, 25%
CMY	0.6118, 0.6196, 0.7529
CMYK	0.00, 0.02, 0.36, 0.61
HSL	57°, 22%, 32%
HSV	57°, 36%, 39%
XYZ	10.3175, 11.5609, 6.3903
YIQ	93.7220, 12.1060, -10.1500

# Conversions

## Conversions Part 2

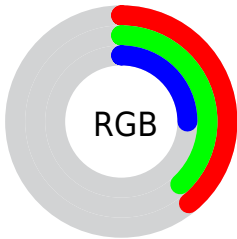
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 99, 63
Decimal	6512959
CIELab	40.51, -5.06, 19.71
CIELCh	41, 20.347, 104.403
Yxy	11.5609, 0.3650, 0.4090
Android (android.graphics.Color)	4284703039 (0xFF63613F)
YUV	93.7220, -15.1459, 4.6288
Hunter-Lab	34.0014, -5.3377, 12.6578

# Details

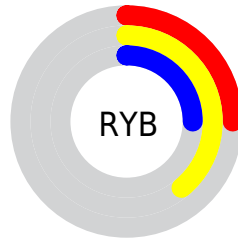
The Hex color **63613F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3F4163**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **96936F**, and **333314** is the 20% darker color. If you saturate the color by 10%, you get **636035**, and if you desaturate by 10%, it is **636249**.

# Distribution



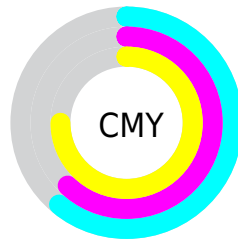
- Red (39%)
- Green (38%)
- Blue (25%)



- Red (25%)
- Yellow (39%)
- Blue (25%)



- Cyan (0%)
- Magenta (2%)
- Yellow (36%)
- Black (61%)



- Cyan (61%)
- Magenta (62%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63613F 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 63613F by changing the saturation by 10% instead.





63613F



63613F

FFFFFF



4B4929



96936F



333314



B1AE89



1F1E00



CDC9A3



000300



E9E5BE



000000



FFFFDA



FFFFF7



63613F



63613F



636035



636249

■ 63602B

■ 636253

■ 635F21

■ 63635D

■ 635F17

■ 636367

■ 635E0D

■ 636471

■ 635E04

■ 63647A

■ 635E00

■ 636584

■ 63658E

■ 636698

# Harmonies

## Analogous

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



735B40



63613F



506547

# Triad

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



63613F



2B6776



7B5469

# Complementary

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



63613F



3F4163

# 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.



6C5877



63613F



3D647F

# Square

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



63613F



2C6967



565E80



815358

# Rectangle

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



63613F



436751



565E80



77556E



# Sweetspot

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



63613F



807F71



633F41



403F37



BFBFBF



404040



# Same Dimension

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



63613F



807C47



53633F



30302C



706A00



F0E200



# Inverse Universe

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



3F4163



474B80



4F3F63



2C2C30



000670



000DF0



# Previews

## White Background



This preview shows how the Hex color 63613F looks on a white background.

## Color Contrast Check

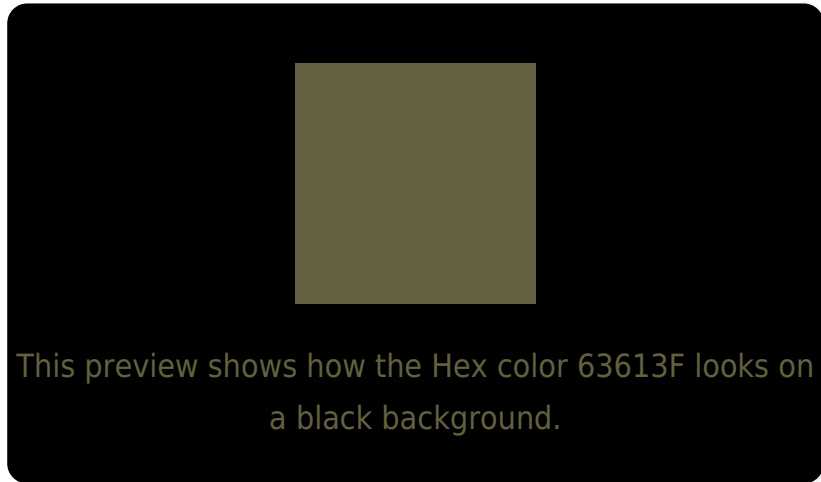
Large Text (above 18pt) WCAG AA ✓ Pass

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

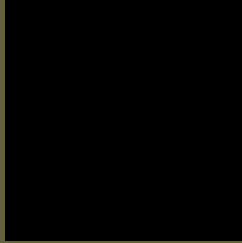
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

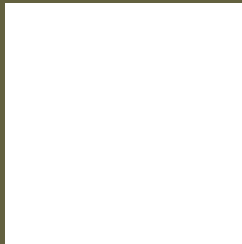
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 63613F Background



This preview shows how black text looks on a background with the Hex color 63613F.



This preview shows how white text looks on a background with the Hex color 63613F.

# 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](#).

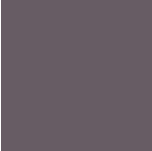
## Dichromacy



**Original Color**  
63613F

**Protanopia**  
685F3E

**Deuteranopia**  
725B40



**Tritanopia**  
675C64

# Trichromacy



**Original Color**  
63613F

**Protanomaly**  
66603E

**Deuteranomaly**  
6D5D40

**Tritanomaly**  
665E57

# Monochromacy



**Original Color**  
63613F

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
605F53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63613F 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 #63613F looks like.

```
.text, #text, p{  
    color:#63613F  
}
```

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 #63613F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63613F
}
```

## Border

The CSS property to change the border of an element to Hex 63613F is called "border". The border property can be set on classes, ids or directly on the HTML element.

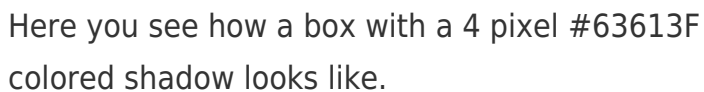
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63613F }
```

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

```
.border{ border-color:#63613F }
```

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



Here you see how a box with a 4 pixel #63613F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63613F; -webkit-box-shadow:4px 4px  
4px 4px #63613F; box-shadow:4px 4px 4px  
4px #63613F }
```

# Background

The CSS property to change the background color of an element to Hex 63613F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63613F }
```

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

```
.background{ background-color:#63613F }
```

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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