

# Converting Colors

Hex(633F67)

Have a look what the booklet for  
Hex(633F67) contains.

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# Color

**Hex(633F67)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	633F67
RGB	99, 63, 103
RGB Percent	39%, 25%, 40%
CMY	0.6118, 0.7529, 0.5961
CMYK	0.04, 0.39, 0.00, 0.60
HSL	294°, 24%, 33%
HSV	294°, 39%, 40%
XYZ	9.3713, 7.1869, 13.7253
YIQ	78.3240, 8.6160, 20.0720

# Conversions

## Conversions Part 2

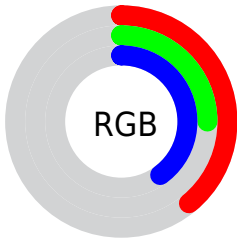
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 63, 103
Decimal	6504295
CIE <sub>Lab</sub>	32.23, 23.11, -17.13
CIE <sub>LCh</sub>	32, 28.762, 323.452
Yxy	7.1869, 0.3095, 0.2373
Android (android.graphics.Color)	4284694375 (0xFF633F67)
<b>YUV</b>	78.3240, 12.1653, 18.1329
Hunter-Lab	26.8085, 15.4824, -11.5891

# Details

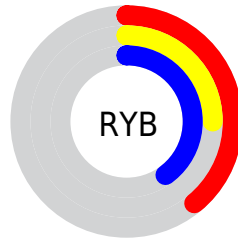
The Hex color **633F67** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **43673F**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **976F9A**, and **331338** is the 20% darker color. If you saturate the color by 10%, you get **623567**, and if you desaturate by 10%, it is **644967**.

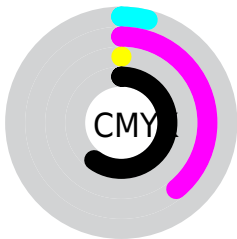
# Distribution



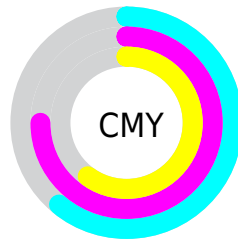
- Red (39%)
- Green (25%)
- Blue (40%)



- Red (39%)
- Yellow (25%)
- Blue (40%)



- Cyan (4%)
- Magenta (39%)
- Yellow (0%)
- Black (60%)



- Cyan (61%)
- Magenta (75%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 633F67 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 633F67 by changing the saturation by 10% instead.



633F67

633F67

FFFFFF

4B284F

976F9A

331338

B289B5

200023

CDA4D1

000009

EABFED

000000

FFDBFF

FFF7FF

633F67

633F67

623567

644967

612A67

655467

602067

665E67

5F1667

676867

5E0C67

687367

5D0167

697D67

5D0067

6A8767

6B9167

6C9C67

# Harmonies

## Analogous

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



454875



633F67



733952

# Triad

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



633F67



5D491E



00575D

# Complementary

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



633F67



43673F

# 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.



005746



633F67



475021

# Square

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



633F67



6E4128



2C5530



005570

# Rectangle

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



633F67



763942



2C5530



005756



# Sweetspot

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



633F67



867787



3F4367



443B45



C4C4C4



454545



# Same Dimension

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



633F67



814887



673F57



322E33



670073



DA00F2



# Inverse Universe

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



673F43



87484E



3F674F



332E2E



73000B

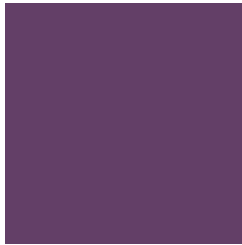


F20018



# Previews

## White Background



This preview shows how the Hex color 633F67 looks on a white background.

## Color Contrast Check

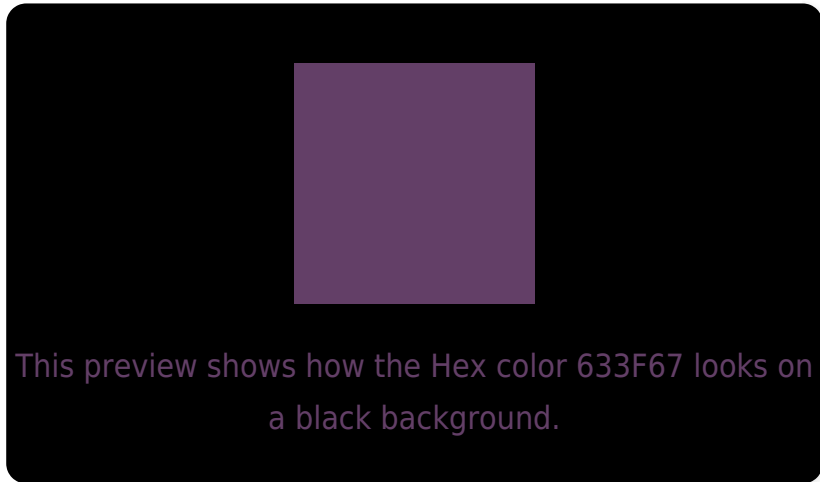
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

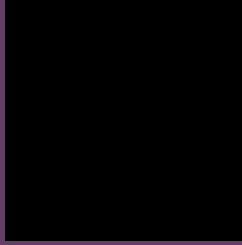
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 633F67 Background



This preview shows how black text looks on a background with the Hex color 633F67.



This preview shows how white text looks on a background with the Hex color 633F67.

# 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**  
633F67

**Protanopia**  
404B70

**Deuteranopia**  
464B65



**Tritanopia**  
5F454A

# Trichromacy



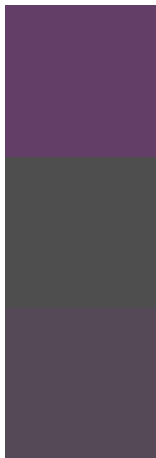
**Original Color**  
633F67

**Protanomaly**  
4D476D

**Deuteranomaly**  
514766

**Tritanomaly**  
604355

# Monochromacy



**Original Color**  
633F67

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
564957

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 633F67 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 #633F67 looks like.

```
.text, #text, p{  
    color:#633F67  
}
```

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 #633F67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633F67
}
```

## Border

The CSS property to change the border of an element to Hex 633F67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

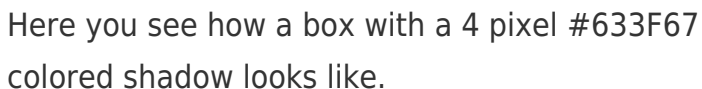
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#633F67 }
```

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

```
.border{ border-color:#633F67 }
```

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



Here you see how a box with a 4 pixel #633F67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633F67; -webkit-box-shadow:4px 4px  
4px 4px #633F67; box-shadow:4px 4px 4px  
4px #633F67 }
```

# Background

The CSS property to change the background color of an element to Hex 633F67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633F67 }
```

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

```
.background{ background-color:#633F67 }
```

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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