

# Converting Colors

Hex(663F37)

Have a look what the booklet for  
Hex(663F37) contains.

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# Color

**Hex(663F37)**

# Conversions

## Conversions Part 1

Format	Color
Hex	663F37
RGB	102, 63, 55
RGB Percent	40%, 25%, 22%
CMY	0.6000, 0.7529, 0.7843
CMYK	0.00, 0.38, 0.46, 0.60
HSL	10°, 30%, 31%
HSV	10°, 46%, 40%
XYZ	7.9466, 6.6556, 4.4803
YIQ	73.7490, 25.8120, 5.7800

# Conversions

## Conversions Part 2

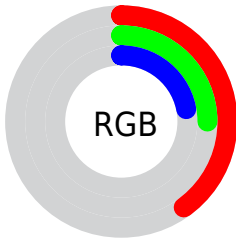
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 65, 55
Decimal	6700855
CIELab	31.01, 16.01, 12.00
CIELCh	31, 20.007, 36.870
Yxy	6.6556, 0.4164, 0.3488
Android (android.graphics.Color)	4284890935 (0xFF663F37)
YUV	73.7490, -9.2433, 24.7761
Hunter-Lab	25.7985, 9.8351, 7.7624

# Details

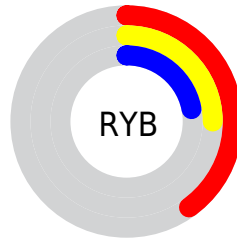
The Hex color **663F37** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **375E66**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **9B6F66**, and **35140C** is the 20% darker color. If you saturate the color by 10%, you get **66372D**, and if you desaturate by 10%, it is **664741**.

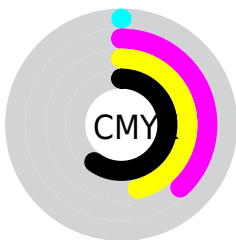
# Distribution



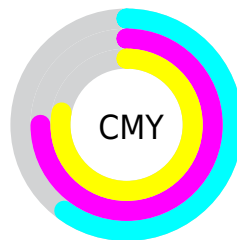
- Red (40%)
- Green (25%)
- Blue (22%)



- Red (40%)
- Yellow (25%)
- Blue (22%)



- Cyan (0%)
- Magenta (38%)
- Yellow (46%)
- Black (60%)



- Cyan (60%)
- Magenta (75%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 663F37 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 663F37 by changing the saturation by 10% instead.



 663F37

 663F37

FFFFFF

 4D2922

 9B6F66

 35140C

 B6897F

 200000

 D2A399

 000000

 EFBEB4

 FFDACF

 FFF6EB

 663F37

 663F37

 66372D

 664741

■ 662E23

■ 66504B

■ 662618

■ 665856

■ 661D0E

■ 666160

■ 661504

■ 66696A

■ 661100

■ 667274

■ 667A7E

■ 668389

■ 668B93

# Harmonies

## Analogous

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



673D46



663F37



5E442D

# Triad

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



663F37



2C503C



394968

# Complementary

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



663F37



375E66

# 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.



1E4E65



663F37



17514C

# Square

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



663F37



3F4E2F



0A515B



504462

# Rectangle

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



663F37



55472A



0A515B



304B68



# Sweetspot

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



663F37



857572



66375E



423937



C2C2C2



424242



# Same Dimension

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



663F37



85483C



665637



332F2E



731400



F22900



# Inverse Universe

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



375E66



3C7885



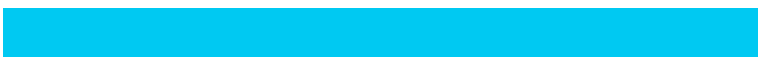
374766



2E3233



005F73



00C9F2



# Previews

## White Background



This preview shows how the Hex color 663F37 looks on a white background.

## Color Contrast Check

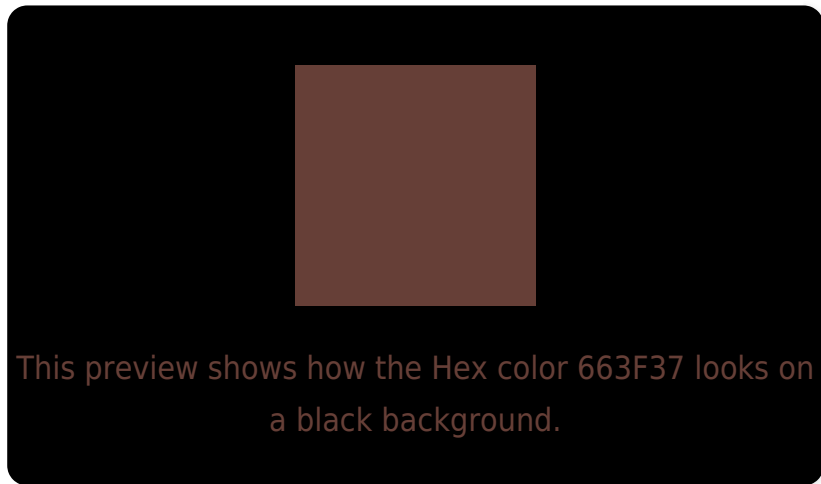
Large Text (above 18pt) WCAG AA ✓ Pass

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

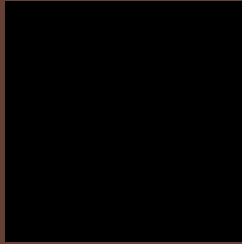
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 663F37 Background



This preview shows how black text looks on a background with the Hex color 663F37.

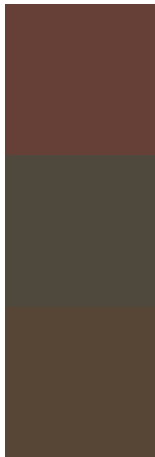


This preview shows how white text looks on a background with the Hex color 663F37.

# 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**  
663F37

**Protanopia**  
4E493C

**Deuteranopia**  
574636



**Tritanopia**  
673D42

# Trichromacy



**Original Color**

663F37

**Protanomaly**

57453A

**Deuteranomaly**

5C4336

**Tritanomaly**

673E3E

# Monochromacy



**Original Color**

663F37

**Achromatopsia**

4A4A4A

**Achromatomaly**

544643

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 663F37 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 #663F37 looks like.

```
.text, #text, p{  
    color:#663F37  
}
```

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 #663F37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663F37
}
```

## Border

The CSS property to change the border of an element to Hex 663F37 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".

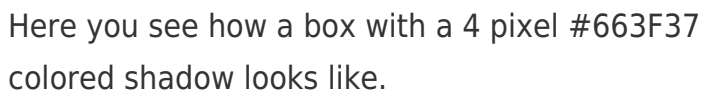
```
.border, #border, table{ border:4px solid
#663F37 }
```

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

```
.border{ border-color:#663F37 }
```

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

Here you see how a box with a 4 pixel #663F37 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663F37; -webkit-box-shadow:4px 4px  
4px 4px #663F37; box-shadow:4px 4px 4px  
4px #663F37 }
```

# Background

The CSS property to change the background color of an element to Hex 663F37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663F37 }
```

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

```
.background{ background-color:#663F37 }
```

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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