

# Converting Colors

Hex(663F30)

Have a look what the booklet for  
Hex(663F30) contains.

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**Color**

**Hex(663F30)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	663F30
RGB	102, 63, 48
RGB Percent	40%, 25%, 19%
CMY	0.6000, 0.7529, 0.8118
CMYK	0.00, 0.38, 0.53, 0.60
HSL	17°, 36%, 29%
HSV	17°, 53%, 40%
XYZ	7.7905, 6.5932, 3.6583
YIQ	72.9510, 28.0590, 3.6030

# Conversions

## Conversions Part 2

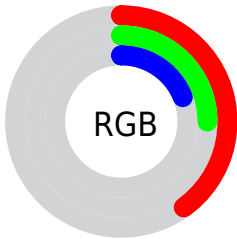
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 69, 48
Decimal	6700848
CIE Lab	30.86, 15.20, 16.26
CIE LCh	31, 22.259, 46.930
Yxy	6.5932, 0.4318, 0.3654
Android (android.graphics.Color)	4284890928 (0xFF663F30)
YUV	72.9510, -12.3008, 25.4760
Hunter-Lab	25.6772, 9.2220, 9.5268




# Details

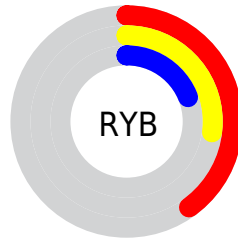
The Hex color **663F30** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **305766**, and the grayscale version is **494949**.




A 20% lighter version of the original color is **9B6F5E**, and **351401** is the 20% darker color. If you saturate the color by 10%, you get **663826**, and if you desaturate by 10%, it is **66463A**.

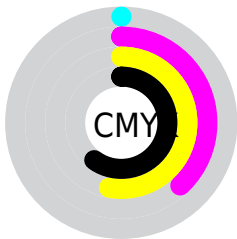
# Distribution







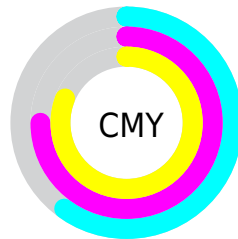
-  Red (40%)
-  Green (25%)
-  Blue (19%)






-  Red (40%)
-  Yellow (27%)
-  Blue (19%)



-  Cyan (0%)
-  Magenta (38%)
-  Yellow (53%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (75%)
-  Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 663F30 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 663F30 by changing the saturation by 10% instead.



 663F30

 663F30

FFFFFF

 4D291B

 9B6F5E

 351401

 B78877

 1F0000

 D3A391

 000000

 F0BEAB

 FFDAC7

 FFF6E3

 663F30

 663F30

 663826

 66463A

■ 66301C

■ 664E44

■ 662911

■ 66554F

■ 662207

■ 665C59

■ 661C00

■ 666463

■ 666B6D

■ 667377

■ 667A82

■ 66818C

# Harmonies

## Analogous

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



6A3B3F



663F30



5A4527

# Triad

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



663F30



1F5140



3F476A

# Complementary

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



663F30



305766

# 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.



1F4D6A



663F30



005252

# Square

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



663F30



364F30



005062



574160

# Rectangle

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



663F30



504926



005062



35496B



# Sweetspot

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



663F30



85756F



663058



423936



C2C2C2



424242



# Same Dimension

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



663F30



854730



665930



332F2E



732000



F24300



# Inverse Universe

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



305766



306D85



303D66



2E3233



005373



00AFF2



# Previews

## White Background



This preview shows how the Hex color 663F30 looks on a white background.

## Color Contrast Check

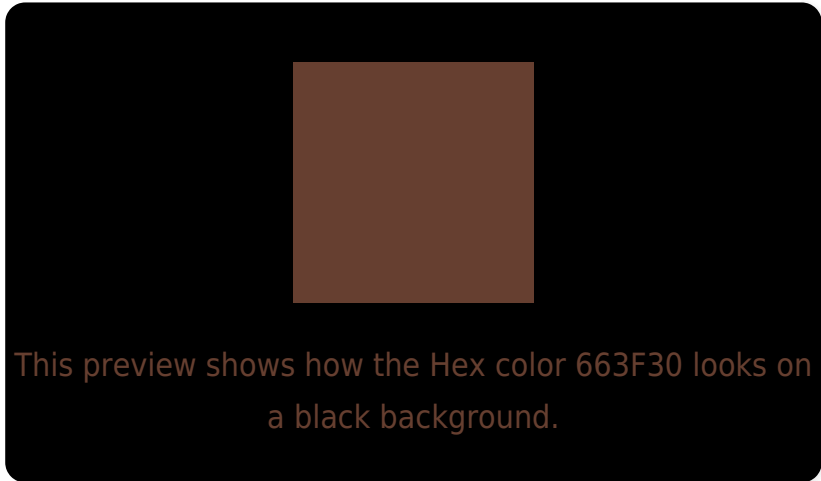
Large Text (above 18pt) WCAG AA ✓ Pass

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

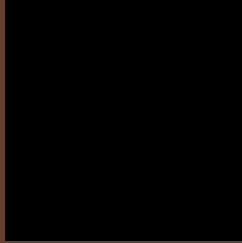
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 663F30 Background



This preview shows how black text looks on a background with the Hex color 663F30.

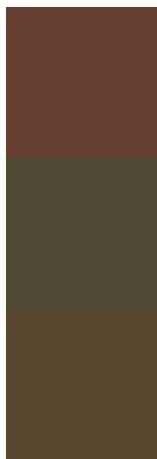


This preview shows how white text looks on a background with the Hex color 663F30.

# 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**  
663F30

**Protanopia**  
4F4934

**Deuteranopia**  
58462F



**Tritanopia**  
673D41

# Trichromacy



**Original Color**  
663F30

**Protanomaly**  
574533

**Deuteranomaly**  
5D432F

**Tritanomaly**  
673E3B

# Monochromacy



**Original Color**  
663F30

**Achromatopsia**  
494949

**Achromatomaly**  
544540

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 663F30 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 #663F30 looks like.

```
.text, #text, p{  
    color:#663F30  
}
```

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 #663F30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663F30
}
```

## Border

The CSS property to change the border of an element to Hex 663F30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

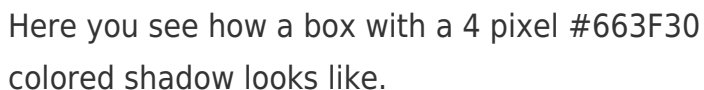
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663F30 }
```

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

```
.border{ border-color:#663F30 }
```

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



Here you see how a box with a 4 pixel #663F30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663F30; -webkit-box-shadow:4px 4px  
4px 4px #663F30; box-shadow:4px 4px 4px  
4px #663F30 }
```

# Background

The CSS property to change the background color of an element to Hex 663F30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663F30 }
```

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

```
.background{ background-color:#663F30 }
```

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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