

# Converting Colors

Hex(673B30)

Have a look what the booklet for  
Hex(673B30) contains.

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**Color**

**Hex(673B30)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	673B30
RGB	103, 59, 48
RGB Percent	40%, 23%, 19%
CMY	0.5961, 0.7686, 0.8118
CMYK	0.00, 0.43, 0.53, 0.60
HSL	12°, 36%, 30%
HSV	12°, 53%, 40%
XYZ	7.6910, 6.2249, 3.5925
YIQ	70.9020, 29.7550, 5.9070

# Conversions

## Conversions Part 2

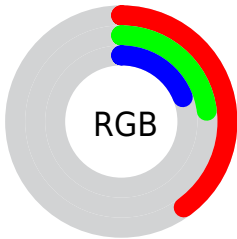
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 62, 48
Decimal	6765360
CIELab	29.97, 18.11, 15.12
CIELCh	30, 23.586, 39.860
Yxy	6.2249, 0.4393, 0.3555
Android (android.graphics.Color)	4284955440 (0xFF673B30)
YUV	70.9020, -11.2907, 28.1499
Hunter-Lab	24.9497, 11.3622, 8.9277

# Details

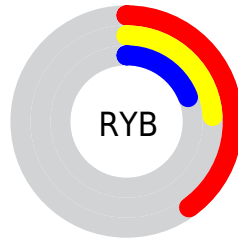
The Hex color **673B30** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **305C67**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **9C6B5E**, and **350F01** is the 20% darker color. If you saturate the color by 10%, you get **673326**, and if you desaturate by 10%, it is **67433A**.

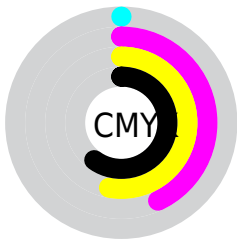
# Distribution



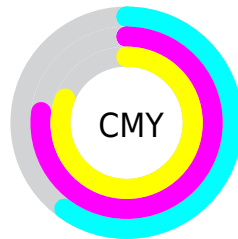
- Red (40%)
- Green (23%)
- Blue (19%)



- Red (40%)
- Yellow (24%)
- Blue (19%)



- Cyan (0%)
- Magenta (43%)
- Yellow (53%)
- Black (60%)



- Cyan (60%)
- Magenta (77%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 673B30 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 673B30 by changing the saturation by 10% instead.



 673B30

 673B30

FFFFFF

 4D251B

 9C6B5E

 350F01

 B88477

 200001

 D49F91

 000000

 F1BAAB

 FFD5C6

 FFF2E2

 673B30

 673B30

 673326

 67433A

■ 672B1B

■ 674B45

■ 672211

■ 67544F

■ 671A07

■ 675C59

■ 671500

■ 676464

■ 676C6E

■ 677578

■ 677D82

■ 67858D

# Harmonies

## Analogous

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



6A3841



673B30



5C4124

# Triad

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



673B30



204F39



34466B

# Complementary

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



673B30



305C67

# 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.



094C69



673B30



00504C

# Square

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



673B30



384C2A



004F5E



504063

# Rectangle

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



673B30



524521



004F5E



29486B



# Sweetspot

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



673B30



877672



67305C



453A38



C4C4C4



454545



# Same Dimension

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



673B30



874231



675730



332F2E



731700



F23000



# Inverse Universe

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



305C67



317687



304167



2E3233



005C73



00C2F2



# Previews

## White Background



This preview shows how the Hex color 673B30 looks on a white background.

## Color Contrast Check

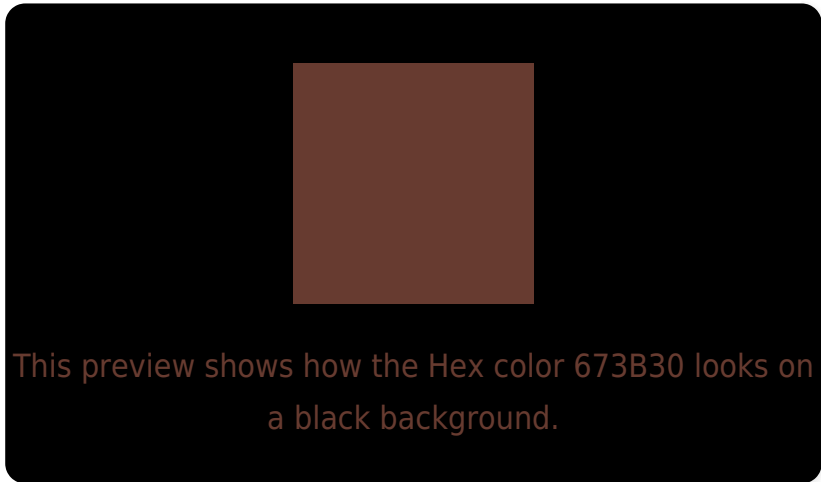
Large Text (above 18pt) WCAG AA ✓ Pass

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

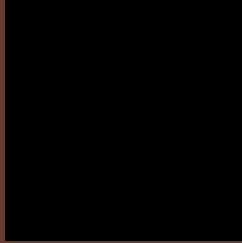
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 673B30 Background



This preview shows how black text looks on a background with the Hex color 673B30.

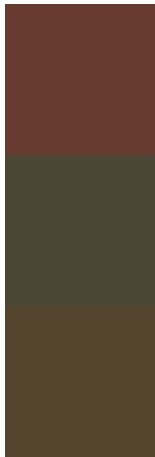


This preview shows how white text looks on a background with the Hex color 673B30.

# 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**  
673B30

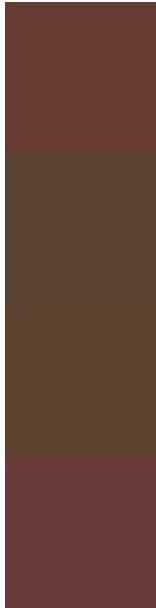
**Protanopia**  
4C4735

**Deuteranopia**  
55442E



**Tritanopia**  
68393D

# Trichromacy



**Original Color**  
673B30

**Protanomaly**  
564333

**Deuteranomaly**  
5C412F

**Tritanomaly**  
683A38

# Monochromacy



**Original Color**  
673B30

**Achromatopsia**  
474747

**Achromatomaly**  
53433F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 673B30 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 #673B30 looks like.

```
.text, #text, p{  
    color:#673B30  
}
```

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 #673B30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #673B30
}
```

## Border

The CSS property to change the border of an element to Hex 673B30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

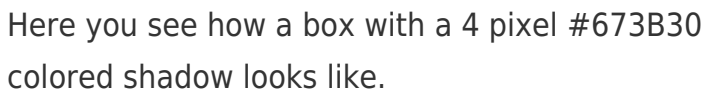
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#673B30 }
```

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

```
.border{ border-color:#673B30 }
```

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



Here you see how a box with a 4 pixel #673B30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #673B30; -webkit-box-shadow:4px 4px  
4px 4px #673B30; box-shadow:4px 4px 4px  
4px #673B30 }
```

# Background

The CSS property to change the background color of an element to Hex 673B30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#673B30 }
```

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

```
.background{ background-color:#673B30 }
```

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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