

# Converting Colors

Hex(675237)

Have a look what the booklet for  
Hex(675237) contains.

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**Color**

**Hex(675237)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	675237
RGB	103, 82, 55
RGB Percent	40%, 32%, 22%
CMY	0.5961, 0.6784, 0.7843
CMYK	0.00, 0.20, 0.47, 0.60
HSL	34°, 30%, 31%
HSV	34°, 47%, 40%
XYZ	9.3004, 9.1940, 4.8989
YIQ	85.2010, 21.1830, -3.9450

# Conversions

## Conversions Part 2

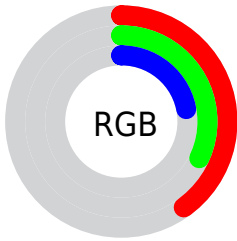
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 103, 55
Decimal	6771255
CIELab	36.36, 4.74, 19.13
CIELCh	36, 19.711, 76.098
Yxy	9.1940, 0.3976, 0.3930
Android (android.graphics.Color)	4284961335 (0xFF675237)
YUV	85.2010, -14.8891, 15.6097
Hunter-Lab	30.3216, 1.6877, 11.6460

# Details

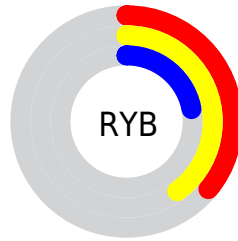
The Hex color **675237** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **374C67**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **9B8366**, and **36250C** is the 20% darker color. If you saturate the color by 10%, you get **674D2D**, and if you desaturate by 10%, it is **675741**.

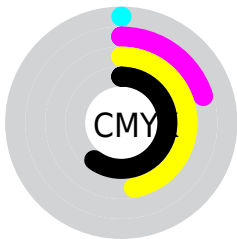
# Distribution



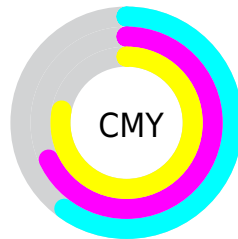
- Red (40%)
- Green (32%)
- Blue (22%)



- Red (36%)
- Yellow (40%)
- Blue (22%)



- Cyan (0%)
- Magenta (20%)
- Yellow (47%)
- Black (60%)



- Cyan (60%)
- Magenta (68%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 675237 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 675237 by changing the saturation by 10% instead.



 675237

 675237

FFFFFF

 4E3B21

 9B8366

 36250C

 B79D7F

 201100

 D3B899

 000000

 EFD4B4

 FFF0D0

 FFFFEC

 675237

 675237

 674D2D

 675741

■ 674922

■ 675B4C

■ 674418

■ 676056

■ 67400E

■ 676460

■ 673B04

■ 67696B

■ 673A00

■ 676D75

■ 67727F

■ 677689

■ 677B94

# Harmonies

## Analogous

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



714D3F



675237



585737

# Triad

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



675237



235E5E



624E6C

# Complementary

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



675237



374C67

# 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.



4D5474



675237



225D6C

# Square

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



675237



335E4D



355974



704A5E

# Rectangle

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



675237



4C5A3C



355974



5C506F



# Sweetspot

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



675237



877F74



67374D



454039



C4C4C4



454545



# Same Dimension

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



675237



87663B



656737



33312E



734100



F28800



# Inverse Universe

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



374C67



3B5D87



393767



2E3033



003273

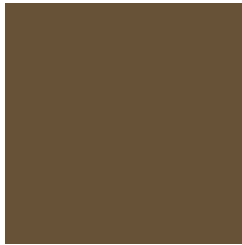


006AF2



# Previews

## White Background



This preview shows how the Hex color 675237 looks on a white background.

## Color Contrast Check

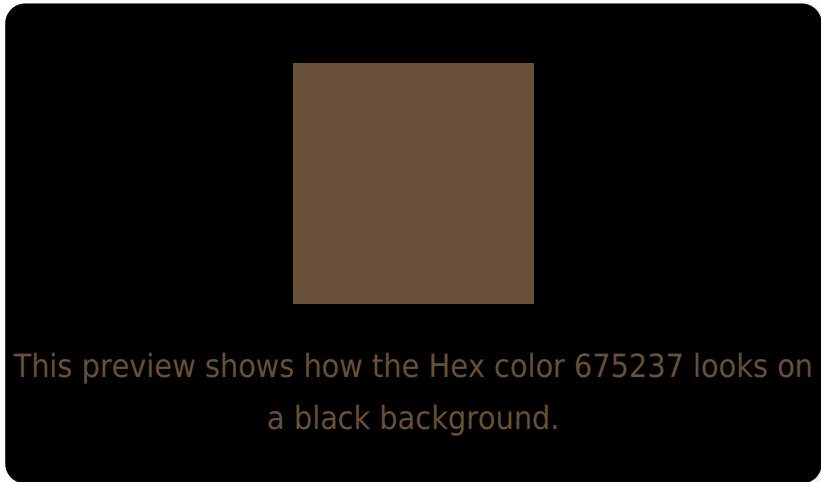
Large Text (above 18pt) WCAG AA ✓ Pass

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 675237 Background



This preview shows how black text looks on a background with the Hex color 675237.



This preview shows how white text looks on a background with the Hex color 675237.

# 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**  
675237

**Protanopia**  
5D5638

**Deuteranopia**  
675237



**Tritanopia**  
6A4E54

# Trichromacy



**Original Color**  
675237

**Protanomaly**  
615538

**Deuteranomaly**  
675237

**Tritanomaly**  
694F49

# Monochromacy



**Original Color**  
675237

**Achromatopsia**  
555555

**Achromatomaly**  
5C544A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 675237 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 #675237 looks like.

```
.text, #text, p{  
    color:#675237  
}
```

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 #675237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #675237
}
```

## Border

The CSS property to change the border of an element to Hex 675237 is called "border". The border property can be set on classes, ids or directly on the HTML element.

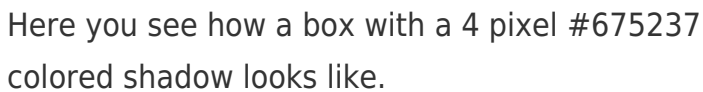
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#675237 }
```

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

```
.border{ border-color:#675237 }
```

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



Here you see how a box with a 4 pixel #675237 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #675237; -webkit-box-shadow:4px 4px  
4px 4px #675237; box-shadow:4px 4px 4px  
4px #675237 }
```

# Background

The CSS property to change the background color of an element to Hex 675237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#675237 }
```

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

```
.background{ background-color:#675237 }
```

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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