

# Converting Colors

Hex(765F39)

Have a look what the booklet for  
Hex(765F39) contains.

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**Color**

**Hex(765F39)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	765F39
RGB	118, 95, 57
RGB Percent	46%, 37%, 22%
CMY	0.5373, 0.6275, 0.7765
CMYK	0.00, 0.19, 0.52, 0.54
HSL	37°, 35%, 34%
HSV	37°, 52%, 46%
XYZ	12.3019, 12.3314, 5.6027
YIQ	97.5450, 25.9060, -6.9420

# Conversions

## Conversions Part 2

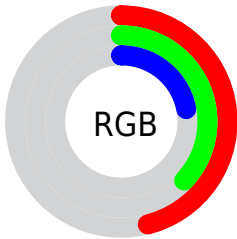
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 118, 57
Decimal	7757625
CIELab	41.74, 4.05, 25.16
CIELCh	42, 25.483, 80.859
Yxy	12.3314, 0.4069, 0.4078
Android (android.graphics.Color)	4285947705 (0xFF765F39)
YUV	97.5450, -19.9887, 17.9390
Hunter-Lab	35.1161, 1.0794, 15.1216

# Details

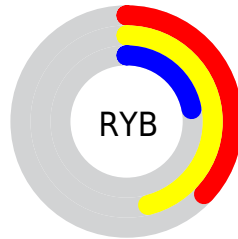
The Hex color **765F39** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **395076**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AC9169**, and **43310D** is the 20% darker color. If you saturate the color by 10%, you get **765B2D**, and if you desaturate by 10%, it is **766345**.

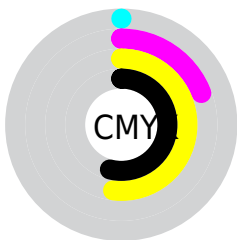
# Distribution



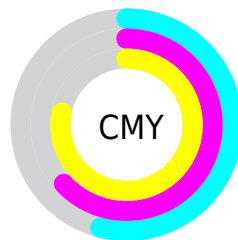
- Red (46%)
- Green (37%)
- Blue (22%)



- Red (37%)
- Yellow (46%)
- Blue (22%)



- Cyan (0%)
- Magenta (19%)
- Yellow (52%)
- Black (54%)



- Cyan (54%)
- Magenta (63%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 765F39 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 765F39 by changing the saturation by 10% instead.





765F39



765F39

FFFFFF



5C4723



AC9169



43310D



C8AC82



2C1C00



E4C79C



120300



FFE3B7



000000



FFFFD3



FFFFF0



765F39



765F39



765B2D



766345

■ 765621

■ 766851

■ 765216

■ 766C5C

■ 764D0A

■ 767168

■ 764A00

■ 767574

■ 767A80

■ 767E8C

■ 768397

■ 7687A3

# Harmonies

## Analogous

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



855843



765F39



61663B

# Triad

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



765F39



0E6E71



77587D

# Complementary

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



765F39



395076

# 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.



5C5F8A



765F39



126B82

# Square

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



765F39



2E6D5B



39668B



87536A

# Rectangle

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



765F39



526942



39668B



6F5A82



# Sweetspot

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



765F39



999081



763950



4D473E



CCCCCC



4D4D4D



# Same Dimension

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



765F39



99753A



6F7639



3B3835



7A4C00



FA9C00



# Inverse Universe

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



395076



3A5E99



403976



35373B



002E7A



005EFA



# Previews

## White Background



This preview shows how the Hex color 765F39 looks on a white background.

## Color Contrast Check

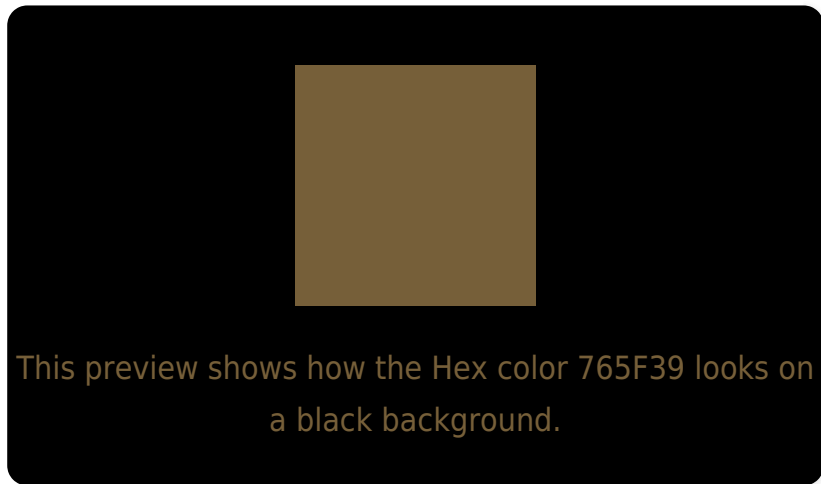
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

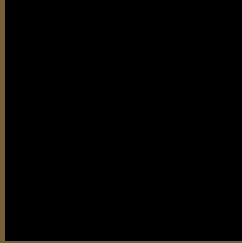
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 765F39 Background



This preview shows how black text looks on a background with the Hex color 765F39.



This preview shows how white text looks on a background with the Hex color 765F39.

# 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**  
765F39

**Protanopia**  
6C633A

**Deuteranopia**  
785E39



**Tritanopia**  
7A5A61

# Trichromacy



**Original Color**  
765F39

**Protanomaly**  
70623A

**Deuteranomaly**  
775E39

**Tritanomaly**  
795C52

# Monochromacy



**Original Color**  
765F39

**Achromatopsia**  
626262

**Achromatomaly**  
696153

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 765F39 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 #765F39 looks like.

```
.text, #text, p{  
    color:#765F39  
}
```

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 #765F39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #765F39
}
```

## Border

The CSS property to change the border of an element to Hex 765F39 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
#765F39 }
```

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

```
.border{ border-color:#765F39 }
```

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

Here you see how a box with a 4 pixel #765F39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #765F39; -webkit-box-shadow:4px 4px  
4px 4px #765F39; box-shadow:4px 4px 4px  
4px #765F39 }
```

# Background

The CSS property to change the background color of an element to Hex 765F39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#765F39 }
```

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

```
.background{ background-color:#765F39 }
```

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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