

# Converting Colors

Hex(767039)

Have a look what the booklet for  
Hex(767039) contains.

<b>Hex(767039)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(767039)**

# Conversions

## Conversions Part 1

Format	Color
Hex	767039
RGB	118, 112, 57
RGB Percent	46%, 44%, 22%
CMY	0.5373, 0.5608, 0.7765
CMYK	0.00, 0.05, 0.52, 0.54
HSL	54°, 35%, 34%
HSV	54°, 52%, 46%
XYZ	14.0039, 15.7353, 6.1700
YIQ	107.5240, 21.2310, -15.8330

# Conversions

## Conversions Part 2

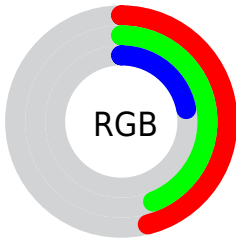
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 118, 57
Decimal	7761977
CIELab	46.63, -5.85, 31.15
CIELCh	47, 31.700, 100.641
Yxy	15.7353, 0.3900, 0.4382
Android (android.graphics.Color)	4285952057 (0xFF767039)
YUV	107.5240, -24.9083, 9.1875
Hunter-Lab	39.6677, -6.4027, 18.5453

# Details

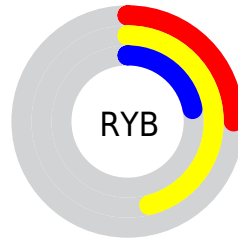
The Hex color **767039** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **393F76**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **ACA46A**, and **44400A** is the 20% darker color. If you saturate the color by 10%, you get **766F2D**, and if you desaturate by 10%, it is **767145**.

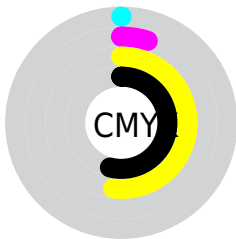
# Distribution



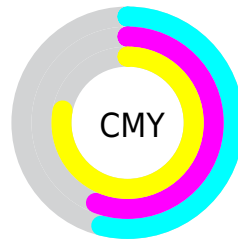
- Red (46%)
- Green (44%)
- Blue (22%)



- Red (25%)
- Yellow (46%)
- Blue (22%)



- Cyan (0%)
- Magenta (5%)
- Yellow (52%)
- Black (54%)



- Cyan (54%)
- Magenta (56%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 767039 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 767039 by changing the saturation by 10% instead.





767039



767039

FFFFFF



5C5822



ACA46A



44400A



C7BF83



2D2B00



E4DA9E



131700



FFF7B9



000000



FFFFD5



FFFFF1



767039



767039



766F2D



767145

■ 766E21

■ 767251

■ 766D16

■ 76735C

■ 766B0A

■ 767568

■ 766A00

■ 767674

■ 767780

■ 76788C

■ 767997

■ 767AA3

# Harmonies

## Analogous

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



8E673C



767039



597745

# Triad

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



767039



007B90



975C81

# Complementary

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



767039



393F76

# 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.



7D6497



767039



1A76A0

# Square

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



767039



007C77



566EA3



A15966

# Rectangle

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



767039



427A53



566EA3



905E89



# Sweetspot

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



767039



999781



76393F



4D4B3E



CCCCCC



4D4D4D



# Same Dimension

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



767039



99903A



5E7639



3B3A35



7A6E00



FAE100



# Inverse Universe

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



393F76



3A4399



513976



35353B



000C7A



0019FA



# Previews

## White Background



This preview shows how the Hex color 767039 looks on a white background.

## Color Contrast Check

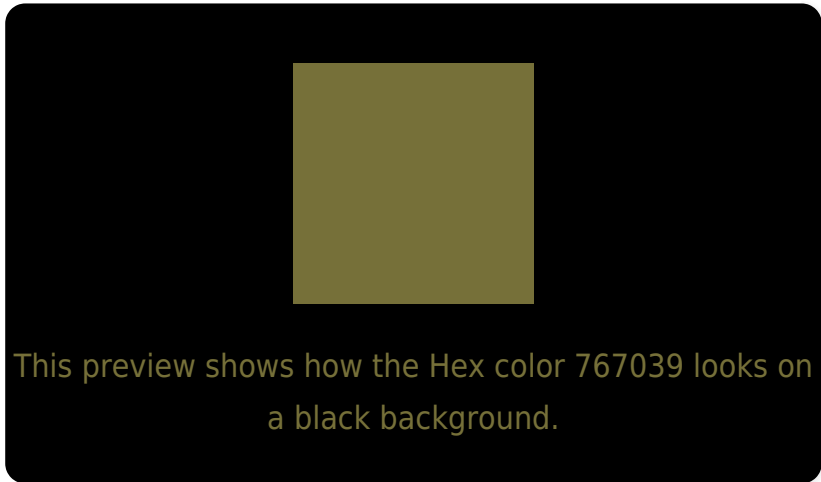
Large Text (above 18pt) WCAG AA ✓ Pass

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

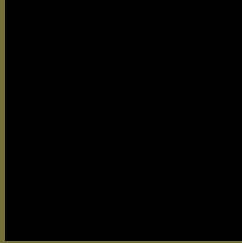
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 767039 Background



This preview shows how black text looks on a background with the Hex color 767039.



This preview shows how white text looks on a background with the Hex color 767039.

# 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**


767039

**Protanopia**

7A6F39

**Deuteranopia**

87693B



**Tritanopia**  
7C6A72

# Trichromacy



**Original Color**  
767039

**Protanomaly**  
796F39

**Deuteranomaly**  
816C3A

**Tritanomaly**  
7A6C5D

# Monochromacy



**Original Color**  
767039

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
706D59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 767039 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 #767039 looks like.

```
.text, #text, p{  
    color:#767039  
}
```

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 #767039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #767039
}
```

## Border

The CSS property to change the border of an element to Hex 767039 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
#767039 }
```

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

```
.border{ border-color:#767039 }
```

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

Here you see how a box with a 4 pixel #767039 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #767039; -webkit-box-shadow:4px 4px  
4px 4px #767039; box-shadow:4px 4px 4px  
4px #767039 }
```

# Background

The CSS property to change the background color of an element to Hex 767039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#767039 }
```

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

```
.background{ background-color:#767039 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor