

# Converting Colors

Hex(767D3E)

Have a look what the booklet for  
Hex(767D3E) contains.

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# Color

Hex(767D3E)

# Conversions

## Conversions Part 1

Format	Color
Hex	767D3E
RGB	118, 125, 62
RGB Percent	46%, 49%, 24%
CMY	0.5373, 0.5098, 0.7569
CMYK	0.06, 0.00, 0.50, 0.51
HSL	67°, 34%, 37%
HSV	67°, 50%, 49%
XYZ	15.6743, 18.8666, 7.3729
YIQ	115.7250, 16.0510, -21.0770

# Conversions

## Conversions Part 2

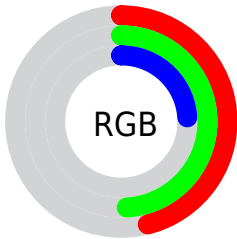
Format	Color
<a href="#">RYB</a>	<a href="#">62, 125, 69</a>
Decimal	<a href="#">7765310</a>
CIELab	<a href="#">50.53, -12.58, 33.19</a>
CIELCh	<a href="#">51, 35.494, 110.757</a>
Yxy	<a href="#">18.8666, 0.3740, 0.4501</a>
Android (android.graphics.Color)	<a href="#">4285955390 (0xFF767D3E)</a>
YUV	<a href="#">115.7250, -26.4864, 1.9952</a>
Hunter-Lab	<a href="#">43.4357, -11.5984, 20.3409</a>

# Details

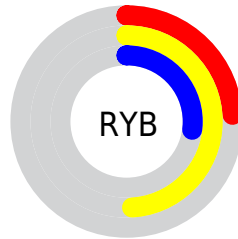
The Hex color **767D3E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **453E7D**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **ABB26F**, and **444C0F** is the 20% darker color. If you saturate the color by 10%, you get **757D32**, and if you desaturate by 10%, it is **777D4B**.

# Distribution



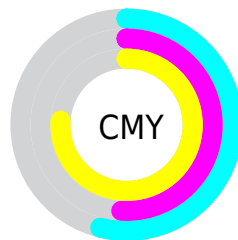
- Red (46%)
- Green (49%)
- Blue (24%)



- Red (24%)
- Yellow (49%)
- Blue (27%)



- Cyan (6%)
- Magenta (0%)
- Yellow (50%)
- Black (51%)



- Cyan (54%)
- Magenta (51%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 767D3E 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 767D3E by changing the saturation by 10% instead.



 767D3E

 767D3E

FFFFFF

 5C6426

 ABB26F

 444C0F

 C7CD89

 2D3600

 E4E9A4

 152000

 FFFFBF

 000400

 FFFFDB

 000000

 FFFFF8

 767D3E

 767D3E

 757D32

 777D4B

 737D25

 797D57

 727D18

 7A7D64

 707D0C

 7C7D70

 6F7D00

 7D7D7D

 7E7D89

 807D95

 817DA2

 837DAE

# Harmonies

## Analogous

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



93733C



767D3E



538451

# Triad

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



767D3E



0085A6



AC6083

# Complementary

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



767D3E



453E7D

# 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.



95689F



767D3E



307EB4

# Square

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



767D3E



00888D



6C74B1



B26164

# Rectangle

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



767D3E



358763



6C74B1



A6628D



# Sweetspot

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



767D3E



A0A38B



7D443E



505243



D1D1D1



525252



# Same Dimension

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



767D3E



98A341



577D3E



3F4039



718000



000000



# Inverse Universe

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



453E7D



4C41A3



643E7D



3A3940



0E0080



000000



# Previews

## White Background



This preview shows how the Hex color 767D3E looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

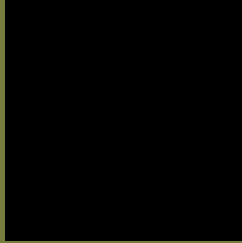
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 767D3E Background



This preview shows how black text looks on a background with the Hex color 767D3E.



This preview shows how white text looks on a background with the Hex color 767D3E.

# 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**  
767D3E

**Protanopia**  
85783C

**Deuteranopia**  
937341



**Tritanopia**  
7D767F

# Trichromacy



**Original Color**  
767D3E

**Protanomaly**  
807A3D

**Deuteranomaly**  
887740

**Tritanomaly**  
7A7967

# Monochromacy



**Original Color**  
767D3E

**Achromatopsia**  
747474

**Achromatomaly**  
757760

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 767D3E 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 #767D3E looks like.

```
.text, #text, p{  
    color:#767D3E  
}
```

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 #767D3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #767D3E
}
```

## Border

The CSS property to change the border of an element to Hex 767D3E 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
#767D3E }
```

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

```
.border{ border-color:#767D3E }
```

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

Here you see how a box with a 4 pixel #767D3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #767D3E; -webkit-box-shadow:4px 4px  
4px 4px #767D3E; box-shadow:4px 4px 4px  
4px #767D3E }
```

# Background

The CSS property to change the background color of an element to Hex 767D3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#767D3E }
```

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

```
.background{ background-color:#767D3E }
```

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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