

# Converting Colors

Hex(767852)

Have a look what the booklet for  
Hex(767852) contains.

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**Color**

**Hex(767852)**

# Conversions

## Conversions Part 1

Format	Color
Hex	767852
RGB	118, 120, 82
RGB Percent	46%, 47%, 32%
CMY	0.5373, 0.5294, 0.6784
CMYK	0.02, 0.00, 0.32, 0.53
HSL	63°, 19%, 40%
HSV	63°, 32%, 47%
XYZ	15.7107, 17.8937, 10.6084
YIQ	115.0700, 11.0060, -12.2420

# Conversions

## Conversions Part 2

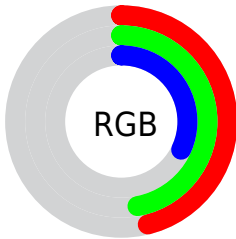
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">82, 120, 84</a>
Decimal	<a href="#">7764050</a>
CIELab	<a href="#">49.37, -7.35, 20.67</a>
CIELCh	<a href="#">49, 21.940, 109.575</a>
Yxy	<a href="#">17.8937, 0.3553, 0.4047</a>
Android (android.graphics.Color)	<a href="#">4285954130 (0xFF767852)</a>
YUV	<a href="#">115.0700, -16.3035, 2.5696</a>
Hunter-Lab	<a href="#">42.3009, -7.7313, 14.7416</a>

# Details

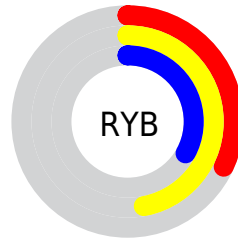
The Hex color **767852** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **545278**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **ABAC84**, and **454824** is the 20% darker color. If you saturate the color by 10%, you get **757846**, and if you desaturate by 10%, it is **77785E**.

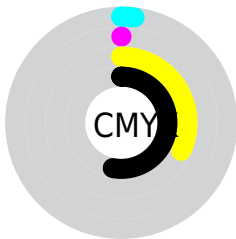
# Distribution



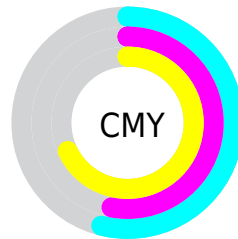
- Red (46%)
- Green (47%)
- Blue (32%)



- Red (32%)
- Yellow (47%)
- Blue (33%)



- Cyan (2%)
- Magenta (0%)
- Yellow (32%)
- Black (53%)



- Cyan (54%)
- Magenta (53%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 767852 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 767852 by changing the saturation by 10% instead.





767852



767852

FFFFFF



5D5F3B



ABAC84



454824



C6C89E



2E310F



E2E4B9



1A1C00



FFFFD5



000000



FFFFF1



767852



767852



757846



77785E



75783A



77786A

 74782E

 787876

 737822

 797882

 737816

 79788E

 72780A

 7A789A

 727800

 7A78A6

 7B78B2

 7C78BE

# Harmonies

## Analogous

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



897251



767852



617D5D

# Triad

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



767852



3F7D91



96687D

# Complementary

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



767852



545278

# 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.



876C8E



767852



54799A

# Square

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



767852



3D8081



6F7398



9B686A

# Rectangle

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



767852



527F68



6F7398



926983



# Sweetspot

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



767852



9B9C8C



785452



4F4F46



CFCFCF



4F4F4F



# Same Dimension

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



767852



989C60



637852



3D3D37



767D00



EFFC00



# Inverse Universe

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



545278



64609C



675278



37373D



07007D



0D00FC



# Previews

## White Background



This preview shows how the Hex color 767852 looks on a white background.

## Color Contrast Check

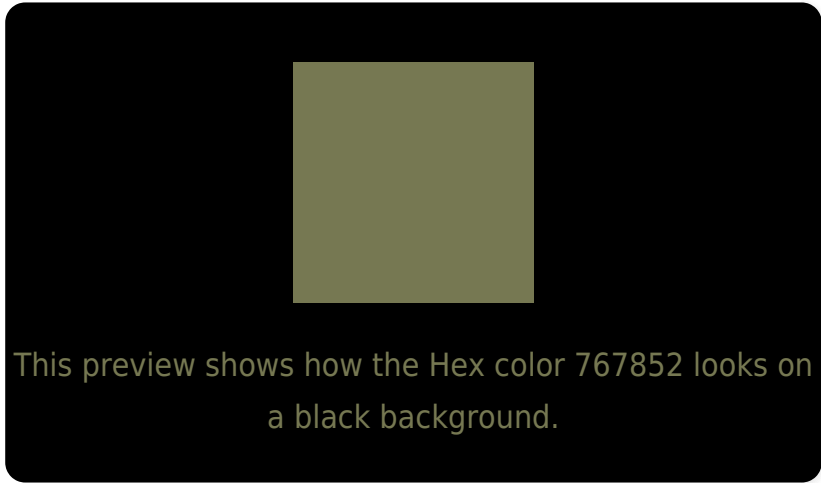
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

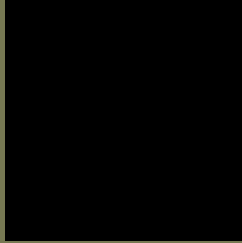
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

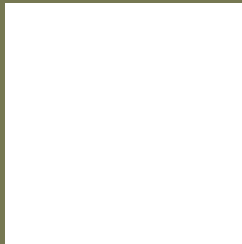
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 767852 Background



This preview shows how black text looks on a background with the Hex color 767852.



This preview shows how white text looks on a background with the Hex color 767852.

# 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**  
767852

**Protanopia**  
7F7551

**Deuteranopia**  
8B7054



**Tritanopia**  
7B737C

# Trichromacy



**Original Color**  
767852

**Protanomaly**  
7C7651

**Deuteranomaly**  
837353

**Tritanomaly**  
79756D

# Monochromacy



**Original Color**  
767852

**Achromatopsia**  
737373

**Achromatomaly**  
747567

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 767852 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 #767852 looks like.

```
.text, #text, p{  
    color:#767852  
}
```

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 #767852 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #767852
}
```

## Border

The CSS property to change the border of an element to Hex 767852 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
#767852 }
```

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

```
.border{ border-color:#767852 }
```

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

Here you see how a box with a 4 pixel #767852 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #767852; -webkit-box-shadow:4px 4px  
4px 4px #767852; box-shadow:4px 4px 4px  
4px #767852 }
```

# Background

The CSS property to change the background color of an element to Hex 767852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#767852 }
```

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

```
.background{ background-color:#767852 }
```

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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