

# Converting Colors

Hex(737765)

Have a look what the booklet for  
Hex(737765) contains.

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# Color

Hex(737765)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	737765
RGB	115, 119, 101
RGB Percent	45%, 47%, 40%
CMY	0.5490, 0.5333, 0.6039
CMYK	0.03, 0.00, 0.15, 0.53
HSL	73°, 8%, 43%
HSV	73°, 15%, 47%
XYZ	16.0160, 17.7781, 14.8993
YIQ	115.7520, 3.3940, -6.4460

# Conversions

## Conversions Part 2

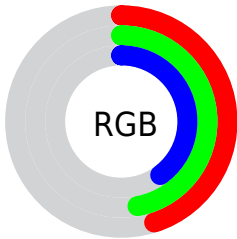
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 119, 105
Decimal	7567205
CIE Lab	49.23, -4.98, 9.40
CIE LCh	49, 10.633, 117.907
Yxy	17.7781, 0.3289, 0.3651
Android (android.graphics.Color)	4285757285 (0xFF737765)
YUV	115.7520, -7.2727, -0.6595
Hunter-Lab	42.1641, -5.9839, 8.5638

# Details

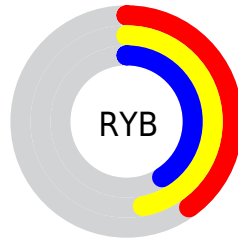
The Hex color **737765** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **696577**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A7AB98**, and **434736** is the 20% darker color. If you saturate the color by 10%, you get **707759**, and if you desaturate by 10%, it is **767771**.

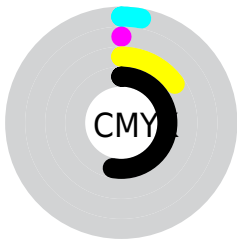
# Distribution



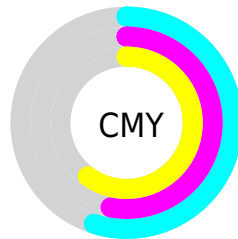
- Red (45%)
- Green (47%)
- Blue (40%)



- Red (40%)
- Yellow (47%)
- Blue (41%)



- Cyan (3%)
- Magenta (0%)
- Yellow (15%)
- Black (53%)



- Cyan (55%)
- Magenta (53%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 737765 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 737765 by changing the saturation by 10% instead.



 737765

 737765

FFFFFF

 5A5E4D

 A7AB98

 434736

 C2C6B3

 2D3021

 DEE2CE

 191B0A

 FBFEEA

 000000

 737765

 737765

 707759

 767771

 6E774D

 78777D

 6B7741

 7B7789

■ 687735

■ 7E7795

■ 667729

■ 8077A1

■ 63771E

■ 8377AC

■ 607712

■ 8677B8

■ 5E7706

■ 8877C4

■ 5D7700

■ 8B77D0

# Harmonies

## Analogous

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



7D7463



737765



69796B

# Triad

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



737765



617984



876F76

# Complementary

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



737765



696577

# 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.



80707F



737765



6A7687

# Square

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



737765



5E7A7D



767385



886F6D

# Rectangle

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



737765



637A71



767385



856F79



# Sweetspot

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



737765



9A9C94



776965



4E4F4A



CFCFCF



4F4F4F



# Same Dimension

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



737765



959C80



6A7765



393B35



5F7A00



C2FA00



# Inverse Universe

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



696577



86809C



726577



36353B



1B007A



3800FA



# Previews

## White Background



This preview shows how the Hex color 737765 looks on a white background.

## Color Contrast Check

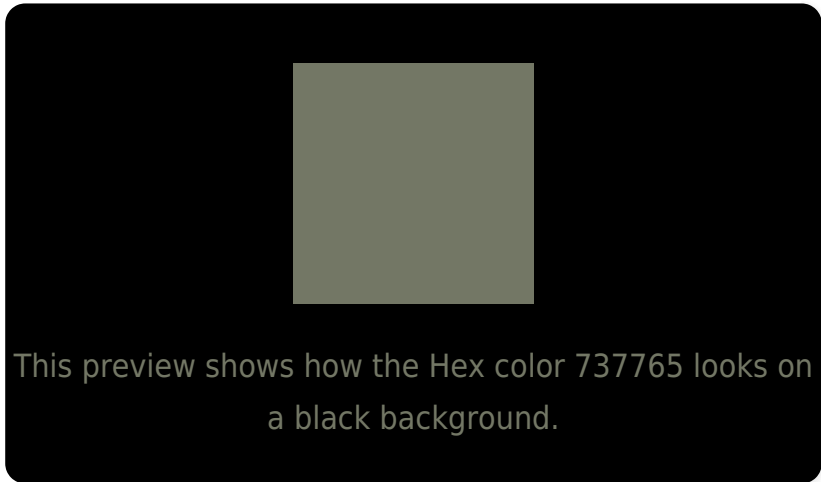
Large Text (above 18pt) WCAG AA ✓ Pass

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

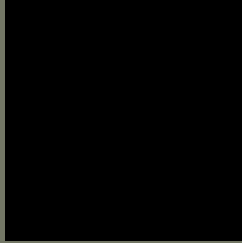
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

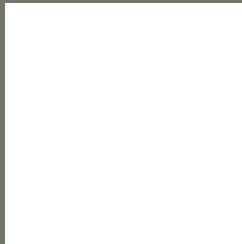
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 737765 Background



This preview shows how black text looks on a background with the Hex color 737765.



This preview shows how white text looks on a background with the Hex color 737765.

# 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**  
737765

**Protanopia**  
7B7564

**Deuteranopia**  
857166



# Trichromacy



**Original Color**  
737765

**Protanomaly**  
787664

**Deuteranomaly**  
7E7366

**Tritanomaly**  
757574

# Monochromacy



**Original Color**  
737765

**Achromatopsia**  
747474

**Achromatomaly**  
74756F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 737765 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 #737765 looks like.

```
.text, #text, p{  
    color:#737765  
}
```

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 #737765 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737765
}
```

## Border

The CSS property to change the border of an element to Hex 737765 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
#737765 }
```

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

```
.border{ border-color:#737765 }
```

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

Here you see how a box with a 4 pixel #737765 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737765; -webkit-box-shadow:4px 4px  
4px 4px #737765; box-shadow:4px 4px 4px  
4px #737765 }
```

# Background

The CSS property to change the background color of an element to Hex 737765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737765 }
```

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

```
.background{ background-color:#737765 }
```

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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