

# Converting Colors

Hex(737267)

Have a look what the booklet for  
Hex(737267) contains.

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# Color

Hex(737267)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	737267
RGB	115, 114, 103
RGB Percent	45%, 45%, 40%
CMY	0.5490, 0.5529, 0.5961
CMYK	0.00, 0.01, 0.10, 0.55
HSL	55°, 6%, 43%
HSV	55°, 10%, 45%
XYZ	15.5357, 16.6587, 15.2286
YIQ	113.0450, 4.1270, -3.2090

# Conversions

## Conversions Part 2

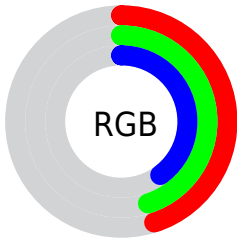
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 115, 103
Decimal	7565927
CIE <sub>Lab</sub>	47.83, -1.74, 6.23
CIE <sub>LCh</sub>	48, 6.468, 105.571
Yxy	16.6587, 0.3276, 0.3513
Android (android.graphics.Color)	4285756007 (0xFF737267)
YUV	113.0450, -4.9522, 1.7145
Hunter-Lab	40.8151, -3.4828, 6.4488

# Details

The Hex color **737267** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **676873**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A7A69A**, and **434238** is the 20% darker color. If you saturate the color by 10%, you get **73715C**, and if you desaturate by 10%, it is **737373**.

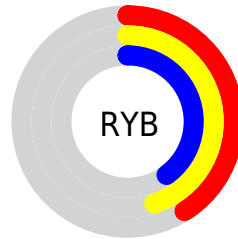
# Distribution



Red (45%)

Green (45%)

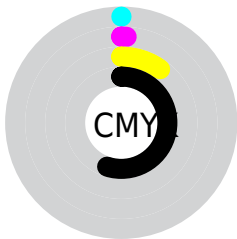
Blue (40%)



Red (41%)

Yellow (45%)

Blue (40%)

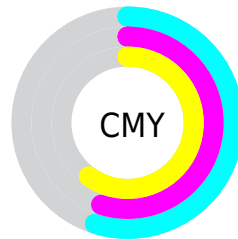


Cyan (0%)

Magenta (1%)

Yellow (10%)

Black (55%)



Cyan (55%)

Magenta (55%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 737267 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 737267 by changing the saturation by 10% instead.





737267



737267

FFFFFF



5A5A4F



A7A69A



434238



C2C1B5



2D2C23



DEDDD0



19180D



FBF9ED



000000



737267



737267



73715C



737373



737050



73747E



736F44



73758A

■ 736E39

■ 737695

■ 736D2D

■ 7377A1

■ 736C22

■ 7378AC

■ 736B16

■ 7379B8

■ 736A0B

■ 737AC3

■ 736900

■ 737BCF

# Harmonies

## Analogous

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



797067



737267



6D746A

# Triad

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



737267



657479



7B6E74

# Complementary

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



737267



676873

# 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.



766F79



737267



69737C

# Square

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



737267



647574



6F717C



7D6E6F

# Rectangle

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



737267



69746D



6F717C



7A6E76



# Sweetspot

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



737267



969692



736768



4D4C49



CCCCCC



4D4D4D



# Same Dimension

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



737267



969583



6E7367



3B3A35



7A7000



FAE500



# Inverse Universe

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



676873



838596



6C6773



35353B



000A7A

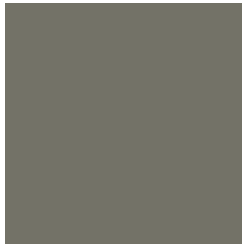


0015FA



# Previews

## White Background



This preview shows how the Hex color 737267 looks on a white background.

## Color Contrast Check

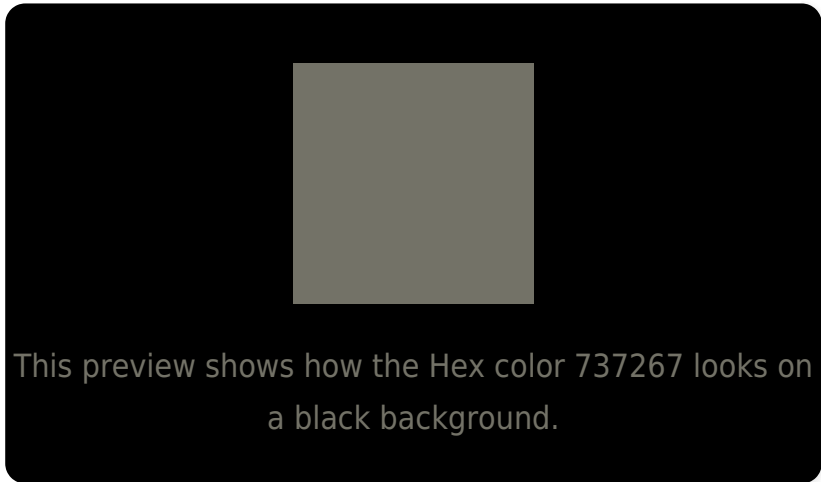
Large Text (above 18pt) WCAG AA ✓ Pass

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

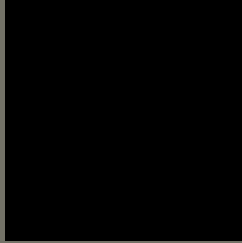
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 737267 Background



This preview shows how black text looks on a background with the Hex color 737267.

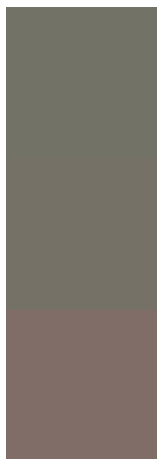


This preview shows how white text looks on a background with the Hex color 737267.

# 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**

737267

**Protanopia**

767167

**Deuteranopia**

806D68



**Tritanopia**  
756F78

# Trichromacy



**Original Color**  
737267

**Protanomaly**  
757167

**Deuteranomaly**  
7B6F68

**Tritanomaly**  
747072

# Monochromacy



**Original Color**  
737267

**Achromatopsia**  
717171

**Achromatomaly**  
72716D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 737267 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 #737267 looks like.

```
.text, #text, p{  
    color:#737267  
}
```

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 #737267 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737267
}
```

## Border

The CSS property to change the border of an element to Hex 737267 is called "border". The border property can be set on classes, ids or directly on the HTML element.

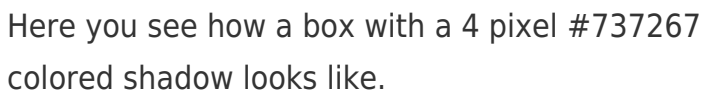
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#737267 }
```

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

```
.border{ border-color:#737267 }
```

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



Here you see how a box with a 4 pixel `#737267` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737267; -webkit-box-shadow:4px 4px  
4px 4px #737267; box-shadow:4px 4px 4px  
4px #737267 }
```

# Background

The CSS property to change the background color of an element to Hex 737267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737267 }
```

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

```
.background{ background-color:#737267 }
```

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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