

# Converting Colors

Hex(737373)

Have a look what the booklet for  
Hex(737373) contains.

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# Color

Hex(737373)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	737373
RGB	115, 115, 115
RGB Percent	45%, 45%, 45%
CMY	0.5490, 0.5490, 0.5490
CMYK	0.00, 0.00, 0.00, 0.55
HSL	0°, 0%, 45%
HSV	0°, 0%, 45%
XYZ	16.2955, 17.1441, 18.6699
YIQ	115.0000, -0.0000, 0.0000

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 115, 115
Decimal	7566195
CIE Lab	48.44, 0.00, -0.01
CIE LCh	48, 0.006, 296.813
Yxy	17.1441, 0.3127, 0.3290
Android (android.graphics.Color)	4285756275 (0xFF737373)
YUV	115.0000, 0.0000, 0.0000
Hunter-Lab	41.4054, -2.2093, 2.2496

# Details

The Hex color **737373** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **737373**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A7A7A7**, and **434343** is the 20% darker color. If you saturate the color by 10%, you get **736868**, and if you desaturate by 10%, it is **737F7F**.

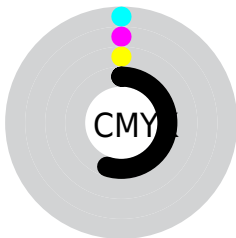
# Distribution



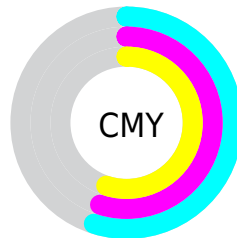
- Red (45%)
- Green (45%)
- Blue (45%)



- Red (45%)
- Yellow (45%)
- Blue (45%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (55%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 737373 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 737373 by changing the saturation by 10% instead.



■ 737373

■ 737373

FFFFFF

■ 5A5A5A

■ A7A7A7

■ 434343

■ C2C2C2

■ 2D2D2D

■ DEDEDE

■ 181818

■ FAFAFA

■ 000000

■ 737373

■ 737373

■ 736868

■ 737F7F

■ 735C5C

■ 738A8A

■ 735151

■ 739696

 734545

 73A1A1

 733A3A

 73ADAD

 732E2E

 73B8B8

 732323

 73C3C3

 731717

 73CFCF

 730B0B

 73DBDB

# Harmonies

# Sweetspot

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



737373



969696



4D4D4D



CCCCCC

# Same Dimension

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



737373



969696



3B3B3B



7A0000



FA0000

# Inverse Universe

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



737373



969696



3B3B3B



007A7A



00FAFA

# Previews

## White Background



This preview shows how the Hex color 737373 looks on a white background.

## Color Contrast Check

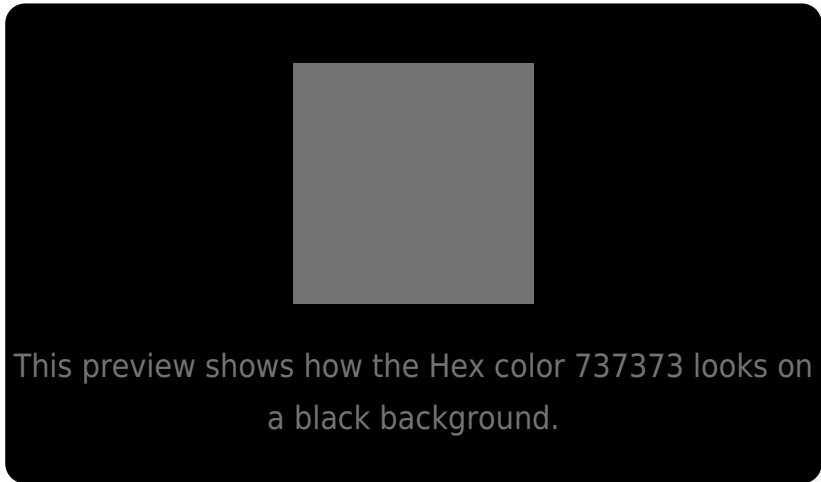
Large Text (above 18pt) WCAG AA ✓ Pass

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

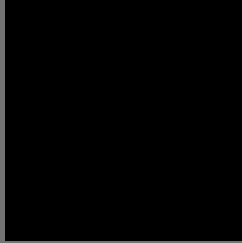
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

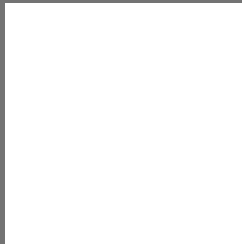
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 737373 Background



This preview shows how black text looks on a background with the Hex color 737373.



This preview shows how white text looks on a background with the Hex color 737373.

# 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**

737373

**Protanopia**

757273

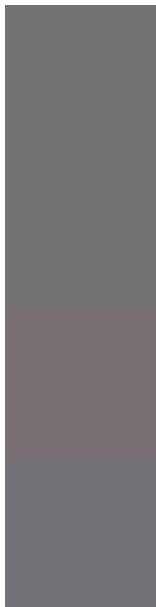
**Deuteranopia**

7E6F74



**Tritanopia**  
74727B

# Trichromacy



**Original Color**

737373

**Protanomaly**

747273

**Deuteranomaly**

7A7074

**Tritanomaly**

747278

# Monochromacy



**Original Color**

737373

**Achromatopsia**

737373

**Achromatomaly**

737373

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 737373 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 #737373 looks like.

```
.text, #text, p{  
    color:#737373  
}
```

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 #737373 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737373  
}
```

## Border

The CSS property to change the border of an element to Hex 737373 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  
#737373 }
```

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

```
.border{ border-color:#737373 }
```

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

Here you see how a box with a 4 pixel #737373 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737373; -webkit-box-shadow:4px 4px  
4px 4px #737373; box-shadow:4px 4px 4px  
4px #737373 }
```

# Background

The CSS property to change the background color of an element to Hex 737373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737373 }
```

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

```
.background{ background-color:#737373 }
```

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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