

# Converting Colors

Hex(737385)

Have a look what the booklet for  
Hex(737385) contains.

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# Color

Hex(737385)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	737385
RGB	115, 115, 133
RGB Percent	45%, 45%, 52%
CMY	0.5490, 0.5490, 0.4784
CMYK	0.14, 0.14, 0.00, 0.48
HSL	240°, 7%, 49%
HSV	240°, 14%, 52%
XYZ	17.4346, 17.5998, 24.6685
YIQ	117.0520, -5.7780, 5.5980

# Conversions

## Conversions Part 2

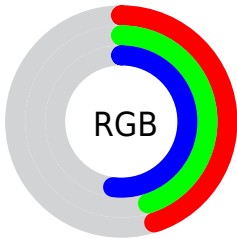
Format	Color
<b>R<sub>YB</sub></b>	115, 115, 133
Decimal	7566213
CIE Lab	49.01, 3.89, -9.84
CIE LCh	49, 10.584, 291.567
Yxy	17.5998, 0.2920, 0.2948
Android (android.graphics.Color)	4285756293 (0xFF737385)
YUV	117.0520, 7.8624, -1.7996
Hunter-Lab	41.9521, 0.7656, -5.4970

# Details

The Hex color **737385** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **858573**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A7A7BA**, and **434353** is the 20% darker color. If you saturate the color by 10%, you get **666685**, and if you desaturate by 10%, it is **808085**.

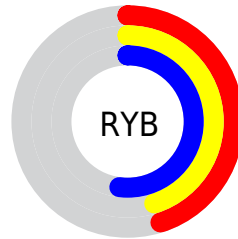
# Distribution



Red (45%)

Green (45%)

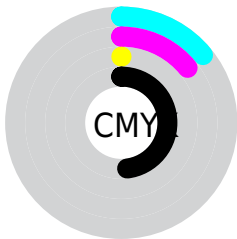
Blue (52%)



Red (45%)

Yellow (45%)

Blue (52%)

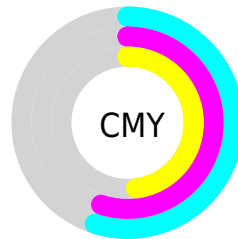


Cyan (14%)

Magenta (14%)

Yellow (0%)

Black (48%)



Cyan (55%)

Magenta (55%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 737385 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 737385 by changing the saturation by 10% instead.



■ 737385

■ 737385

FFFFFF

■ 5A5A6C

■ A7A7BA

■ 434353

■ C2C2D6

■ 2C2D3C

■ DEDEF2

■ 171827

■ FBFAFF

■ 000112

■ 000000

■ 737385

■ 737385

■ 666685

■ 808085

■ 585885

■ 8E8E85

■ 4B4B85

■ 9B9B85

■ 3E3E85

■ A8A885

■ 303085

■ B6B685

■ 232385

■ C3C385

■ 161685

■ D0D085

■ 090985

■ DDDD85

■ 000085

■ EBEB85

# Harmonies

## Analogous

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



687686



737385



7E7080

# Triad

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



737385



857067



627A71

# Complementary

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



737385



858573

# 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.



6A7869



737385



7E7363

# Square

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



737385



886F6E



757664



5D7A7B

# Rectangle

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



737385



836F7A



757664



64796E



# Sweetspot

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



737385



A6A6AD



738585



525257



D6D6D6



575757



# Same Dimension

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



737385



9292AD



7C7385



3C3C42



000082



000003



# Inverse Universe

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



857385



AD92AD



7C8573



423C42



820082



030003



# Previews

## White Background



This preview shows how the Hex color 737385 looks on a white background.

## Color Contrast Check

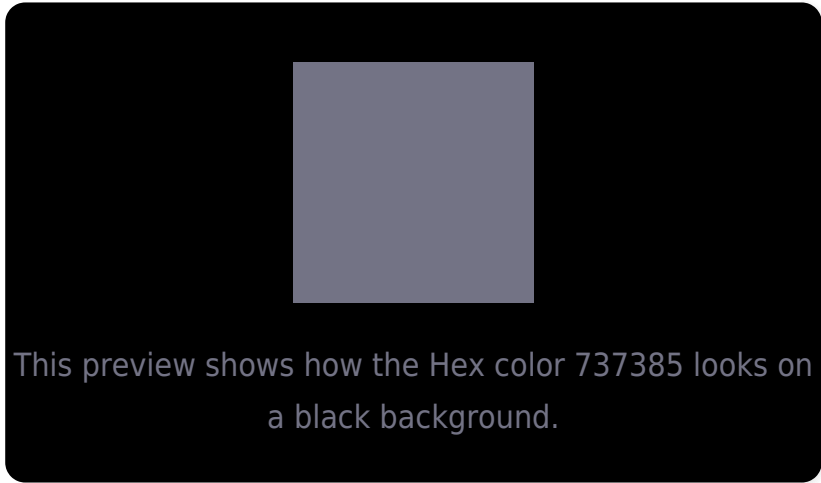
Large Text (above 18pt) WCAG AA ✓ Pass

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

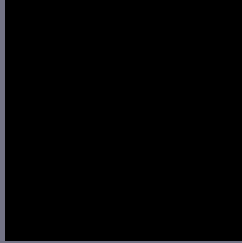
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

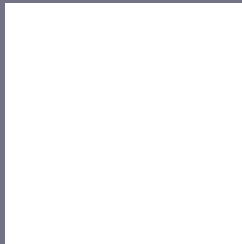
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 737385 Background



This preview shows how black text looks on a background with the Hex color 737385.



This preview shows how white text looks on a background with the Hex color 737385.

# 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**  
737385

**Protanopia**  
717385

**Deuteranopia**  
787185



# Trichromacy



**Original Color**  
737385

**Protanomaly**  
727385

**Deuteranomaly**  
767285

**Tritanomaly**  
727480

# Monochromacy



**Original Color**  
737385

**Achromatopsia**  
757575

**Achromatomaly**  
74747B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 737385 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 #737385 looks like.

```
.text, #text, p{  
    color:#737385  
}
```

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 #737385 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737385
}
```

## Border

The CSS property to change the border of an element to Hex 737385 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
#737385 }
```

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

```
.border{ border-color:#737385 }
```

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

Here you see how a box with a 4 pixel #737385 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737385; -webkit-box-shadow:4px 4px  
4px 4px #737385; box-shadow:4px 4px 4px  
4px #737385 }
```

# Background

The CSS property to change the background color of an element to Hex 737385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737385 }
```

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

```
.background{ background-color:#737385 }
```

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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