

# Converting Colors

Hex(70737A)

Have a look what the booklet for  
Hex(70737A) contains.

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# Color

**Hex(70737A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	70737A
RGB	112, 115, 122
RGB Percent	44%, 45%, 48%
CMY	0.5608, 0.5490, 0.5216
CMYK	0.08, 0.06, 0.00, 0.52
HSL	222°, 4%, 46%
HSV	222°, 8%, 48%
XYZ	16.3257, 17.1114, 20.8547
YIQ	114.9010, -4.0350, 1.5410

# Conversions

## Conversions Part 2

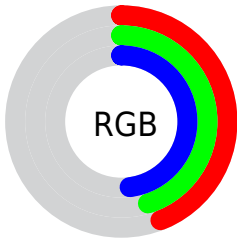
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 114, 122
Decimal	7369594
CIE Lab	48.40, 0.35, -4.25
CIE LCh	48, 4.266, 274.725
Yxy	17.1114, 0.3007, 0.3152
Android (android.graphics.Color)	4285559674 (0xFF70737A)
YUV	114.9010, 3.4998, -2.5442
Hunter-Lab	41.3659, -1.9425, -0.9351

# Details

The Hex color **70737A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A7770**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A4A7AE**, and **404349** is the 20% darker color. If you saturate the color by 10%, you get **646A7A**, and if you desaturate by 10%, it is **7C7C7A**.

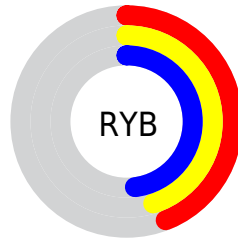
# Distribution



Red (44%)

Green (45%)

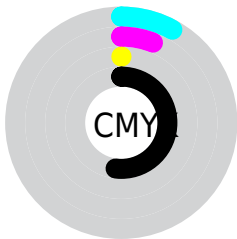
Blue (48%)



Red (44%)

Yellow (45%)

Blue (48%)

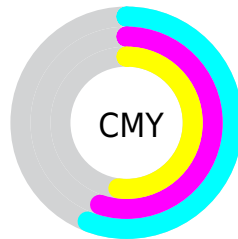


Cyan (8%)

Magenta (6%)

Yellow (0%)

Black (52%)



Cyan (56%)

Magenta (55%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70737A 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 70737A by changing the saturation by 10% instead.



■ 70737A

■ 70737A

FFFFFF

■ 585A61

■ A4A7AE

■ 404349

■ BFC2CA

■ 2A2D33

■ DBDEE6

■ 16181E

■ F7FAFF

■ 000004

■ 000000

■ 70737A

■ 70737A

■ 646A7A

■ 7C7C7A

■ 58627A

■ 88847A

■ 4B597A

■ 958D7A

■ 3F517A

■ A1957A

■ 33487A

■ AD9E7A

■ 27407A

■ B9A67A

■ 1B377A

■ C5AF7A

■ 0E2F7A

■ D2B77A

■ 02267A

■ DEC07A

# Harmonies

## Analogous

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



6C7479



70737A



747279

# Triad

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



70737A



7B716F



6D7570

# Complementary

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



70737A



7A7770

# 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.



71746D



70737A



79726D

# Square

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



70737A



7B7172



75736C



6B7573

# Rectangle

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



70737A



777177



75736C



6F756F



# Sweetspot

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



70737A



9B9C9E



707A77



4D4E4F



CFCFCF



4F4F4F



# Same Dimension

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



70737A



8E939E



72707A



37393D



00257D



004CFC



# Inverse Universe

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



7A7073



9E8E93



787A70



3D3739



7D0025



FC004C



# Previews

## White Background



This preview shows how the Hex color 70737A looks on a white background.

### Color Contrast Check

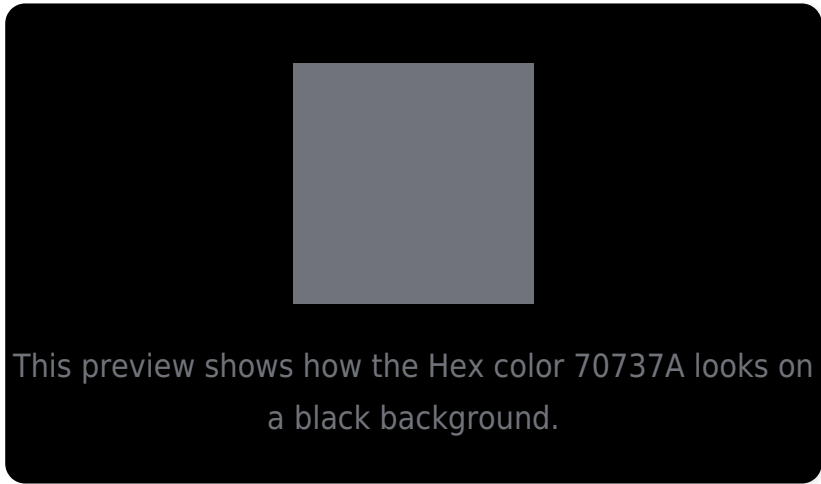
Large Text (above 18pt) WCAG AA ✓ Pass

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

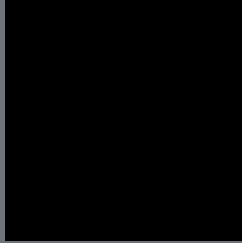
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

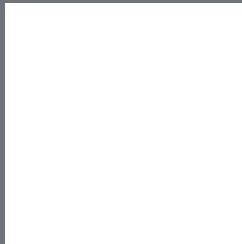
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 70737A Background



This preview shows how black text looks on a background with the Hex color 70737A.



This preview shows how white text looks on a background with the Hex color 70737A.

# 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**

70737A

**Protanopia**

737279

**Deuteranopia**

7A707B



**Tritanopia**  
70737C

# Trichromacy



**Original Color**

70737A

**Protanomaly**

727279

**Deuteranomaly**

76717B

**Tritanomaly**

70737B

# Monochromacy



**Original Color**

70737A

**Achromatopsia**

737373

**Achromatomaly**

727376

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70737A 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 #70737A looks like.

```
.text, #text, p{  
    color:#70737A  
}
```

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 #70737A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70737A
}
```

## Border

The CSS property to change the border of an element to Hex 70737A is called "border". The border property can be set on classes, ids or directly on the HTML element.

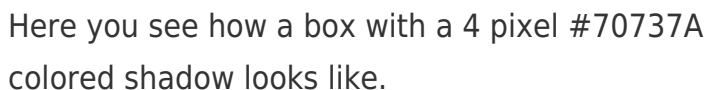
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70737A }
```

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

```
.border{ border-color:#70737A }
```

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



Here you see how a box with a 4 pixel `#70737A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70737A; -webkit-box-shadow:4px 4px  
4px 4px #70737A; box-shadow:4px 4px 4px  
4px #70737A }
```

# Background

The CSS property to change the background color of an element to Hex 70737A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70737A }
```

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

```
.background{ background-color:#70737A }
```

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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