

# Converting Colors

Hex(70737F)

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

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# Color

**Hex(70737F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70737F
RGB	112, 115, 127
RGB Percent	44%, 45%, 50%
CMY	0.5608, 0.5490, 0.5020
CMYK	0.12, 0.09, 0.00, 0.50
HSL	228°, 6%, 47%
HSV	228°, 12%, 50%
XYZ	16.6436, 17.2385, 22.5288
YIQ	115.4710, -5.6400, 3.0960

# Conversions

## Conversions Part 2

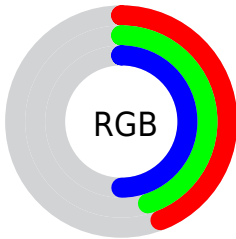
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 115, 127
Decimal	7369599
CIE Lab	48.56, 1.46, -6.98
CIE LCh	49, 7.134, 281.793
Yxy	17.2385, 0.2950, 0.3056
Android (android.graphics.Color)	4285559679 (0xFF70737F)
YUV	115.4710, 5.6838, -3.0441
Hunter-Lab	41.5193, -1.1045, -3.1079

# Details

The Hex color **70737F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7F7C70**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A4A7B4**, and **40434E** is the 20% darker color. If you saturate the color by 10%, you get **63697F**, and if you desaturate by 10%, it is **7D7D7F**.

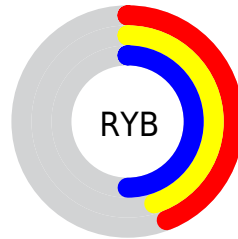
# Distribution



Red (44%)

Green (45%)

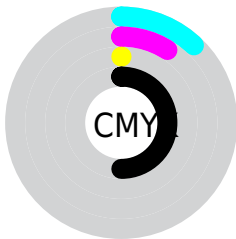
Blue (50%)



Red (44%)

Yellow (45%)

Blue (50%)

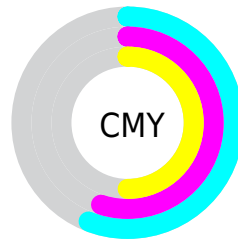


Cyan (12%)

Magenta (9%)

Yellow (0%)

Black (50%)



Cyan (56%)

Magenta (55%)

Yellow (50%)

# Brightness & Saturation Gradients

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





70737F



70737F

FFFFFF



585A66



A4A7B4



40434E



BFC2CF



2A2D37



DBDEEB



151822



F7FAFF



00000B



000000



70737F



70737F



63697F



7D7D7F



575F7F



89877F

■ 4A557F

■ 96917F

■ 3D4A7F

■ A39C7F

■ 31407F

■ B0A67F

■ 24367F

■ BCB07F

■ 172C7F

■ C9BA7F

■ 0A227F

■ D6C47F

■ 00197F

■ E2CE7F

# Harmonies

## Analogous

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



69757F



70737F



77717C

# Triad

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



70737F



80706C



69776F

# Complementary

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



70737F



7F7C70

# 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.



6F756A



70737F



7C7268

# Square

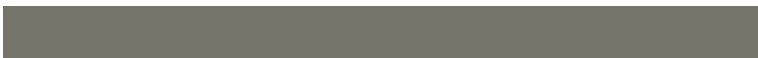
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70737F



806F71



767468



657776

# Rectangle

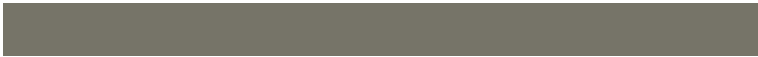
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70737F



7C7079



767468



6A766D



# Sweetspot

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



70737F



9FA0A6



707F7C



505154



D4D4D4



545454



# Same Dimension

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



70737F



8F93A6



75707F



393B40



001A80



000000



# Inverse Universe

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



7F7073



A68F93



7A7F70



40393B



80001A

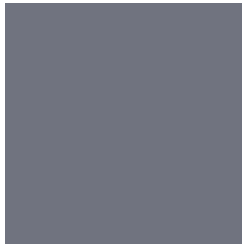


000000



# Previews

## White Background



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

## Color Contrast Check

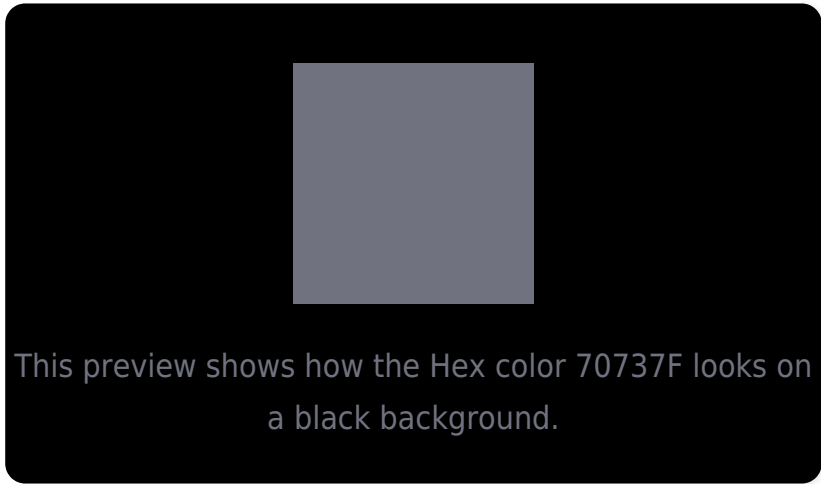
Large Text (above 18pt) WCAG AA ✓ Pass

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

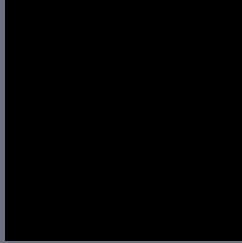
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

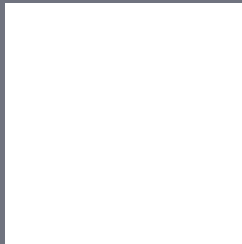
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 70737F Background



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

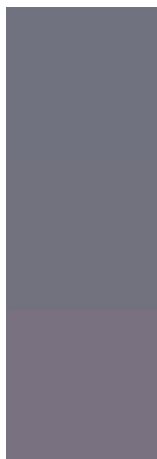


This preview shows how white text looks on a background with the Hex color 70737F.

# 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**  
70737F

**Protanopia**  
72727F

**Deuteranopia**  
797080



**Tritanopia**  
70737D

# Trichromacy



**Original Color**  
70737F

**Protanomaly**  
71727F

**Deuteranomaly**  
767180

**Tritanomaly**  
70737E

# Monochromacy



**Original Color**  
70737F

**Achromatopsia**  
737373

**Achromatomaly**  
727377

# CSS Examples

## Text

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

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

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 #70737F colored shadow looks like.

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

## Border

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

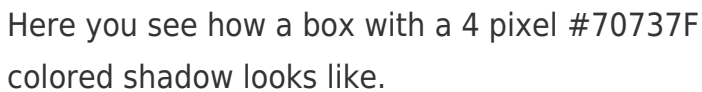
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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