

# Converting Colors

Hex(70767A)

Have a look what the booklet for  
Hex(70767A) contains.

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# Color

**Hex(70767A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	70767A
RGB	112, 118, 122
RGB Percent	44%, 46%, 48%
CMY	0.5608, 0.5373, 0.5216
CMYK	0.08, 0.03, 0.00, 0.52
HSL	204°, 4%, 46%
HSV	204°, 8%, 48%
XYZ	16.6734, 17.8068, 20.9706
YIQ	116.6620, -4.8600, -0.0280

# Conversions

## Conversions Part 2

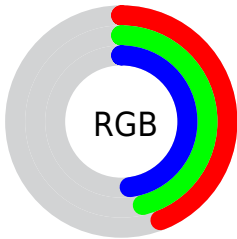
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 116, 122
Decimal	7370362
CIE Lab	49.26, -1.40, -2.98
CIE LCh	49, 3.293, 244.845
Yxy	17.8068, 0.3007, 0.3211
Android (android.graphics.Color)	4285560442 (0xFF70767A)
YUV	116.6620, 2.6316, -4.0886
Hunter-Lab	42.1980, -3.3173, 0.0740

# Details

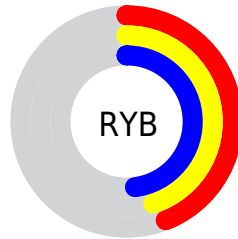
The Hex color **70767A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A7470**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A4AAAE**, and **404649** is the 20% darker color. If you saturate the color by 10%, you get **64717A**, and if you desaturate by 10%, it is **7C7B7A**.

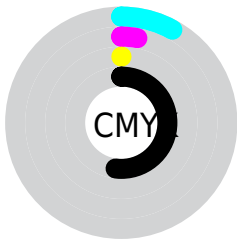
# Distribution



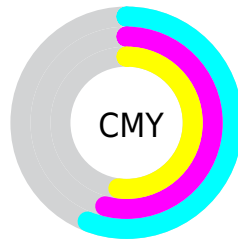
- Red (44%)
- Green (46%)
- Blue (48%)



- Red (44%)
- Yellow (45%)
- Blue (48%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (52%)



- Cyan (56%)
- Magenta (54%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70767A 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 70767A by changing the saturation by 10% instead.



■ 70767A

■ 70767A

FFFFFF

■ 585D61

■ A4AAAE

■ 404649

■ BFC5CA

■ 2A3033

■ DBE1E6

■ 161B1E

■ F7FEFF

■ 000004

■ 000000

■ 70767A

■ 70767A

■ 64717A

■ 7C7B7A

■ 586C7A

■ 88807A

■ 4B677A

■ 95857A

■ 3F627A

■ A18A7A

■ 335E7A

■ AD8E7A

■ 27597A

■ B9937A

■ 1B547A

■ C5987A

■ 0E4F7A

■ D29D7A

■ 024A7A

■ DEA27A

# Harmonies

## Analogous

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



6F7778



70767A



73757B

# Triad

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



70767A



7B7375



747670

# Complementary

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



70767A



7A7470

# 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.



777570



70767A



7B7372

# Square

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



70767A



797477



7A7470



717773

# Rectangle

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



70767A



75757A



7A7470



757670



# Sweetspot

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



70767A



9B9D9E



707A74



4D4E4F



CFCFCF



4F4F4F



# Same Dimension

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



70767A



8E989E



70717A



373B3D



004B7D



0097FC



# Inverse Universe

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



7A7076



9E8E98



7A7970



3D373B



7D004B



FC0097



# Previews

## White Background



This preview shows how the Hex color 70767A looks on a white background.

## Color Contrast Check

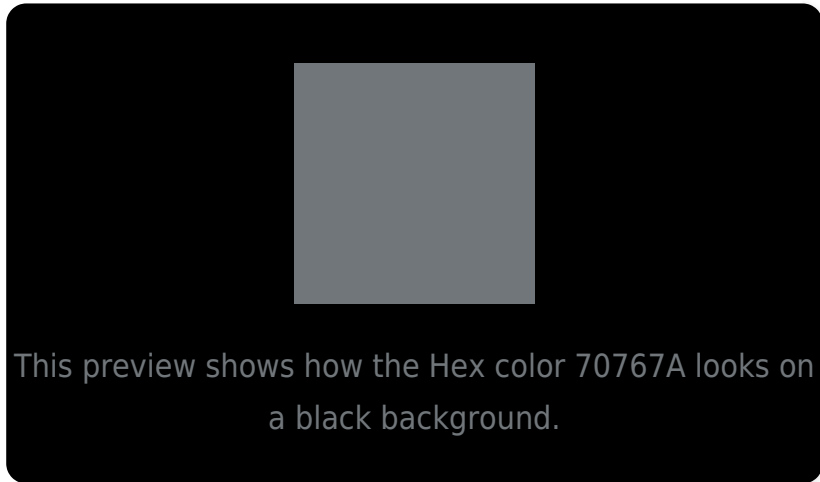
Large Text (above 18pt) WCAG AA ✓ Pass

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

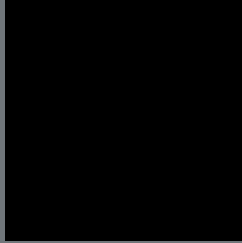
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

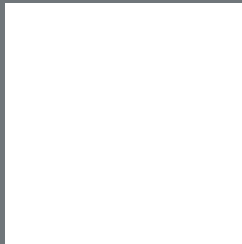
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 70767A Background



This preview shows how black text looks on a background with the Hex color 70767A.



This preview shows how white text looks on a background with the Hex color 70767A.

# 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**  
70767A

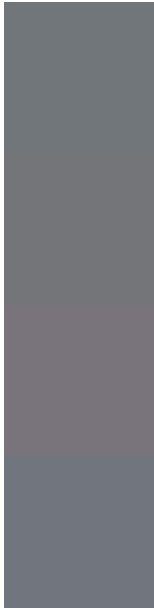
**Protanopia**  
767479

**Deuteranopia**  
7E717B



**Tritanopia**  
71757F

# Trichromacy



**Original Color**

7067A

**Protanomaly**

747579

**Deuteranomaly**

79737B

**Tritanomaly**

71757D

# Monochromacy



**Original Color**

7067A

**Achromatopsia**

757575

**Achromatomaly**

737577

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70767A 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 #70767A looks like.

```
.text, #text, p{  
    color:#70767A  
}
```

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 #70767A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70767A
}
```

## Border

The CSS property to change the border of an element to Hex 70767A 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
#70767A }
```

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

```
.border{ border-color:#70767A }
```

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

Here you see how a box with a 4 pixel #70767A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70767A; -webkit-box-shadow:4px 4px  
4px 4px #70767A; box-shadow:4px 4px 4px  
4px #70767A }
```

# Background

The CSS property to change the background color of an element to Hex 70767A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70767A }
```

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

```
.background{ background-color:#70767A }
```

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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