

# Converting Colors

Hex(73787A)

Have a look what the booklet for  
Hex(73787A) contains.

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# Color

Hex(73787A)

# Conversions

## Conversions Part 1

Format	Color
Hex	73787A
RGB	115, 120, 122
RGB Percent	45%, 47%, 48%
CMY	0.5490, 0.5294, 0.5216
CMYK	0.06, 0.02, 0.00, 0.52
HSL	197°, 3%, 46%
HSV	197°, 6%, 48%
XYZ	17.2996, 18.4829, 21.0681
YIQ	118.7330, -3.6220, -0.4380

# Conversions

## Conversions Part 2

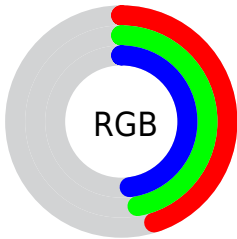
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 118, 122
Decimal	7567482
CIE <sub>Lab</sub>	50.08, -1.46, -1.75
CIE <sub>LCh</sub>	50, 2.278, 230.303
Y <sub>xy</sub>	18.4829, 0.3043, 0.3251
Android (android.graphics.Color)	4285757562 (0xFF73787A)
Y <sub>UV</sub>	118.7330, 1.6106, -3.2738
Hunter-Lab	42.9918, -3.4086, 1.0392

# Details

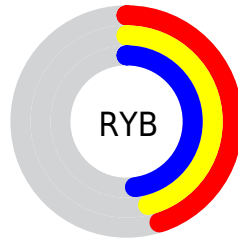
The Hex color **73787A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A7573**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A7ACAE**, and **434849** is the 20% darker color. If you saturate the color by 10%, you get **67757A**, and if you desaturate by 10%, it is **7F7B7A**.

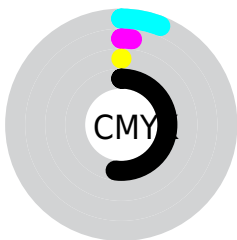
# Distribution



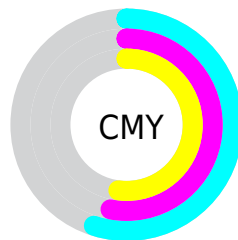
- Red (45%)
- Green (47%)
- Blue (48%)



- Red (45%)
- Yellow (46%)
- Blue (48%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (52%)



- Cyan (55%)
- Magenta (53%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73787A 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 73787A by changing the saturation by 10% instead.





73787A



73787A

FFFFFF



5A5F61



A7ACAE



434849



C2C8CA



2D3133



DEE4E6



181C1E



FBFFFF



000105



000000



73787A



73787A



67757A



7F7B7A



5B717A



8B7F7A

4E6E7A

98827A

426A7A

A4867A

36677A

B0897A

2A637A

BC8D7A

1E607A

C8907A

115C7A

D5947A

05597A

E1977A

# Harmonies

## Analogous

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



737878



73787A



75777B

# Triad

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



73787A



7B7678



777773

# Complementary

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



73787A



7A7573

# 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.



7A7773



73787A



7C7676

# Square

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



73787A



79767A



7B7674



757875

# Rectangle

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



73787A



76777B



7B7674



787773



# Sweetspot

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



73787A



9B9D9E



737A75



4D4F4F



CFCFCF



4F4F4F



# Same Dimension

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



73787A



939B9E



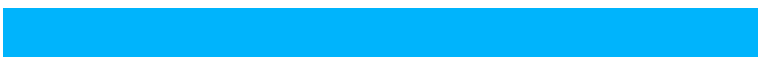
73757A



383C3D



00597D



00B4FC



# Inverse Universe

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



7A7378



9E939B



7A7873



3D383C



7D0059



FC00B4



# Previews

## White Background



This preview shows how the Hex color 73787A looks on a white background.

## Color Contrast Check

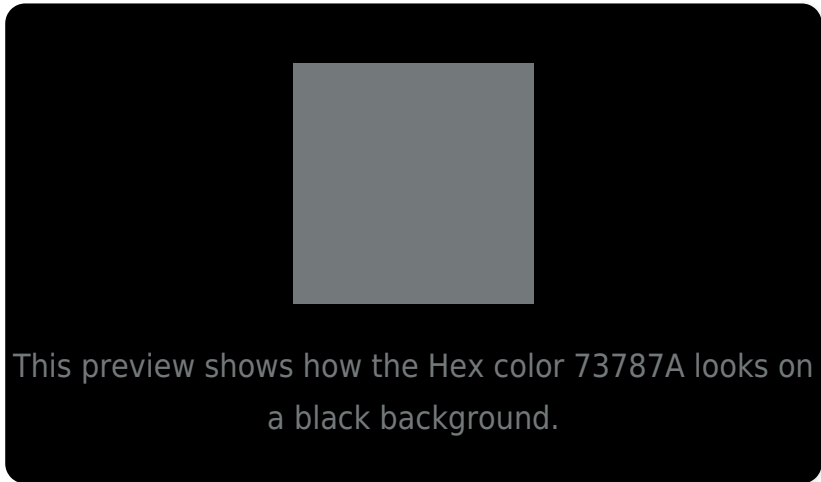
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

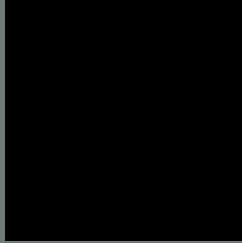
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

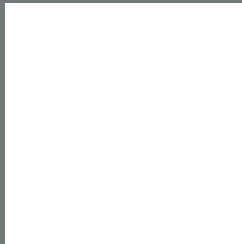
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 73787A Background



This preview shows how black text looks on a background with the Hex color 73787A.



This preview shows how white text looks on a background with the Hex color 73787A.

# 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**

73787A

**Protanopia**

787679

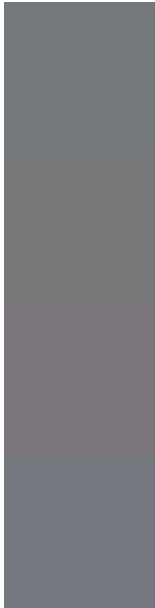
**Deuteranopia**

81737B



**Tritanopia**  
747780

# Trichromacy



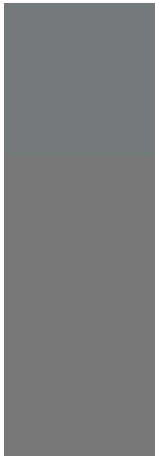
**Original Color**  
73787A

**Protanomaly**  
767779

**Deuteranomaly**  
7C757B

**Tritanomaly**  
74777E

# Monochromacy



**Original Color**  
73787A

**Achromatopsia**  
777777

**Achromatomaly**  
767778

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73787A 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 #73787A looks like.

```
.text, #text, p{  
    color:#73787A  
}
```

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 #73787A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73787A
}
```

## Border

The CSS property to change the border of an element to Hex 73787A 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
#73787A }
```

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

```
.border{ border-color:#73787A }
```

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

Here you see how a box with a 4 pixel #73787A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73787A; -webkit-box-shadow:4px 4px  
4px 4px #73787A; box-shadow:4px 4px 4px  
4px #73787A }
```

# Background

The CSS property to change the background color of an element to Hex 73787A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73787A }
```

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

```
.background{ background-color:#73787A }
```

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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