

# Converting Colors

Hex(73777D)

Have a look what the booklet for  
Hex(73777D) contains.

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# Color

Hex(73777D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73777D
RGB	115, 119, 125
RGB Percent	45%, 47%, 49%
CMY	0.5490, 0.5333, 0.5098
CMYK	0.08, 0.05, 0.00, 0.51
HSL	216°, 4%, 47%
HSV	216°, 8%, 49%
XYZ	17.3687, 18.3192, 22.0226
YIQ	118.4880, -4.3100, 1.0180

# Conversions

## Conversions Part 2

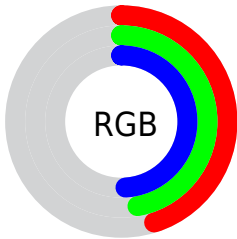
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 118, 125
Decimal	7567229
CIE Lab	49.88, -0.23, -3.81
CIE LCh	50, 3.819, 266.481
Yxy	18.3192, 0.3010, 0.3174
Android (android.graphics.Color)	4285757309 (0xFF73777D)
YUV	118.4880, 3.2104, -3.0590
Hunter-Lab	42.8009, -2.4657, -0.5462

# Details

The Hex color **73777D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7D7973**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A7ABB2**, and **43474C** is the 20% darker color. If you saturate the color by 10%, you get **67707D**, and if you desaturate by 10%, it is **807E7D**.

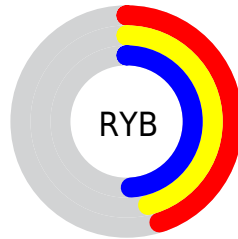
# Distribution



Red (45%)

Green (47%)

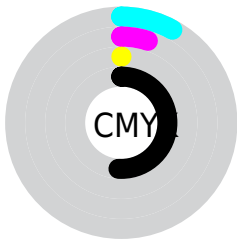
Blue (49%)



Red (45%)

Yellow (46%)

Blue (49%)

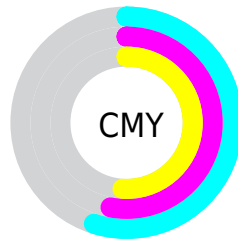


Cyan (8%)

Magenta (5%)

Yellow (0%)

Black (51%)



Cyan (55%)

Magenta (53%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73777D 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 73777D by changing the saturation by 10% instead.





73777D



73777D

FFFFFF



5A5E64



A7ABB2



43474C



C2C6CD



2D3036



DEE2E9



181C20



FBFFFF



000009



000000



73777D



73777D



67707D



807E7D



5A687D



8C867D

■ 4E617D

■ 998D7D

■ 41597D

■ A5957D

■ 35527D

■ B29C7D

■ 284A7D

■ BEA47D

■ 1B437D

■ CBAB7D

■ 0F3B7D

■ D7B37D

■ 03347D

■ E3BA7D

# Harmonies

## Analogous

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



70787C



73777D



77767C

# Triad

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



73777D



7E7574



737873

# Complementary

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



73777D



7D7973

# 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.



767771



73777D



7D7571

# Square

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



73777D



7D7577



7A7670



707976

# Rectangle

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



73777D



79757B



7A7670



747872



# Sweetspot

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



73777D



A0A1A3



737D79



505152



D1D1D1



525252



# Same Dimension

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



73777D



9399A3



74737D



393C40



003380



000000



# Inverse Universe

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



7D7377



A39399



7C7D73



40393C



800033



000000



# Previews

## White Background



This preview shows how the Hex color 73777D looks on a white background.

## Color Contrast Check

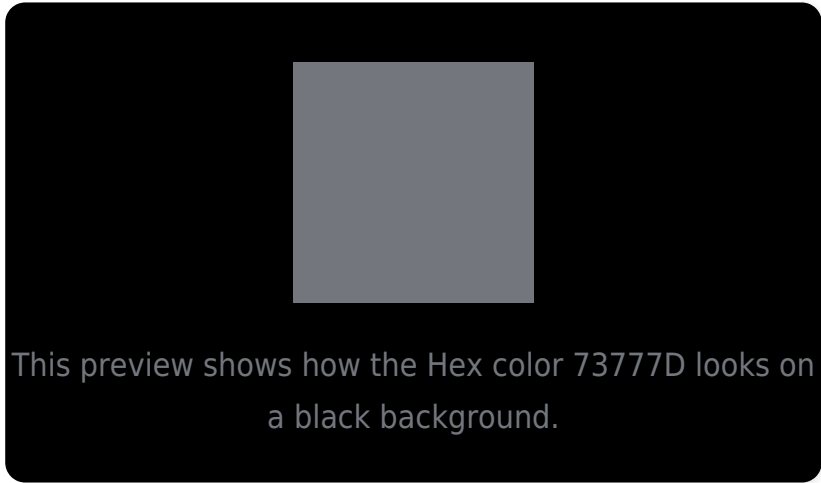
Large Text (above 18pt) WCAG AA ✓ Pass

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

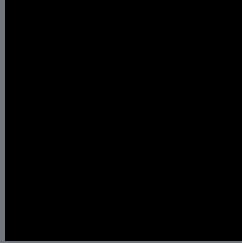
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

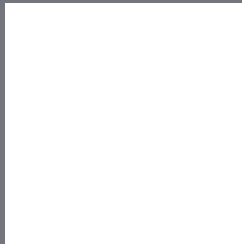
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 73777D Background



This preview shows how black text looks on a background with the Hex color 73777D.



This preview shows how white text looks on a background with the Hex color 73777D.

# 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**  
73777D

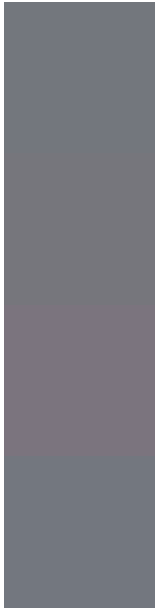
**Protanopia**  
77767C

**Deuteranopia**  
7F737E



**Tritanopia**  
737780

# Trichromacy



**Original Color**  
73777D

**Protanomaly**  
76767C

**Deuteranomaly**  
7B747E

**Tritanomaly**  
73777F

# Monochromacy



**Original Color**  
73777D

**Achromatopsia**  
767676

**Achromatomaly**  
757679

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73777D 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 #73777D looks like.

```
.text, #text, p{  
    color:#73777D  
}
```

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 #73777D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73777D
}
```

## Border

The CSS property to change the border of an element to Hex 73777D 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
#73777D }
```

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

```
.border{ border-color:#73777D }
```

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

Here you see how a box with a 4 pixel #73777D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73777D; -webkit-box-shadow:4px 4px  
4px 4px #73777D; box-shadow:4px 4px 4px  
4px #73777D }
```

# Background

The CSS property to change the background color of an element to Hex 73777D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73777D }
```

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

```
.background{ background-color:#73777D }
```

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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