

# Converting Colors

Hex(71757D)

Have a look what the booklet for  
Hex(71757D) contains.

<b>Hex(71757D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(71757D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71757D
RGB	113, 117, 125
RGB Percent	44%, 46%, 49%
CMY	0.5569, 0.5412, 0.5098
CMYK	0.10, 0.06, 0.00, 0.51
HSL	220°, 5%, 47%
HSV	220°, 10%, 49%
XYZ	16.8730, 17.7140, 21.9319
YIQ	116.7160, -4.9520, 1.6400

# Conversions

## Conversions Part 2

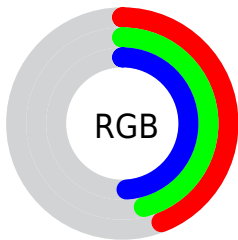
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 116, 125
Decimal	7435645
CIE Lab	49.15, 0.20, -4.92
CIE LCh	49, 4.919, 272.358
Yxy	17.7140, 0.2985, 0.3134
Android (android.graphics.Color)	4285625725 (0xFF71757D)
YUV	116.7160, 4.0840, -3.2589
Hunter-Lab	42.0880, -2.0935, -1.4342

# Details

The Hex color **71757D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7D7971**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A5A9B2**, and **41454C** is the 20% darker color. If you saturate the color by 10%, you get **656D7D**, and if you desaturate by 10%, it is **7E7D7D**.

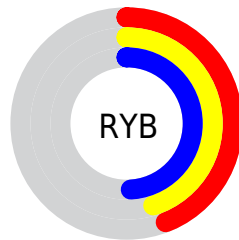
# Distribution



Red (44%)

Green (46%)

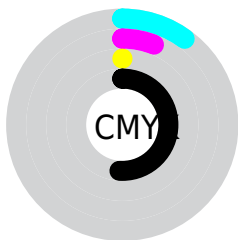
Blue (49%)



Red (44%)

Yellow (45%)

Blue (49%)

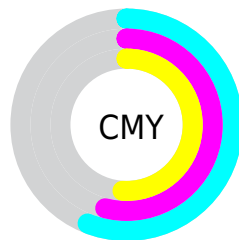


Cyan (10%)

Magenta (6%)

Yellow (0%)

Black (51%)



Cyan (56%)

Magenta (54%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71757D 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 71757D by changing the saturation by 10% instead.



■ 71757D

■ 71757D

FFFFFF

■ 595C64

■ A5A9B2

■ 41454C

■ C0C4CD

■ 2B2F36

■ DCE0E9

■ 161A20

■ F8FDFD

■ 000008

■ 000000

■ 71757D

■ 71757D

■ 656D7D

■ 7E7D7D

■ 58647D

■ 8A867D

■ 4C5C7D

■ 968E7D

■ 3F547D

■ A3967D

■ 334B7D

■ AF9F7D

■ 26437D

■ BCA77D

■ 1A3B7D

■ C9AF7D

■ 0D327D

■ D5B87D

■ 012A7D

■ E2C07D

# Harmonies

## Analogous

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



6D767C



71757D



76747C

# Triad

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



71757D



7E7270



6F7771

# Complementary

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



71757D



7D7971

# 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.



73766E



71757D



7C736E

# Square

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



71757D



7D7275



78756D



6B7775

# Rectangle

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



71757D



79737A



78756D



707770



# Sweetspot

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



71757D



9EA0A3



717D79



4E4F52



D1D1D1



525252



# Same Dimension

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



71757D



9096A3



73717D



393C40



002A80



000000



# Inverse Universe

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



7D7175



A39096



7B7D71



40393C



80002A

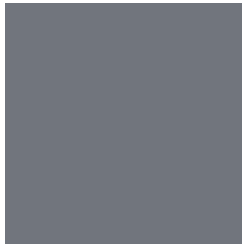


000000



# Previews

## White Background



This preview shows how the Hex color 71757D looks on a white background.

## Color Contrast Check

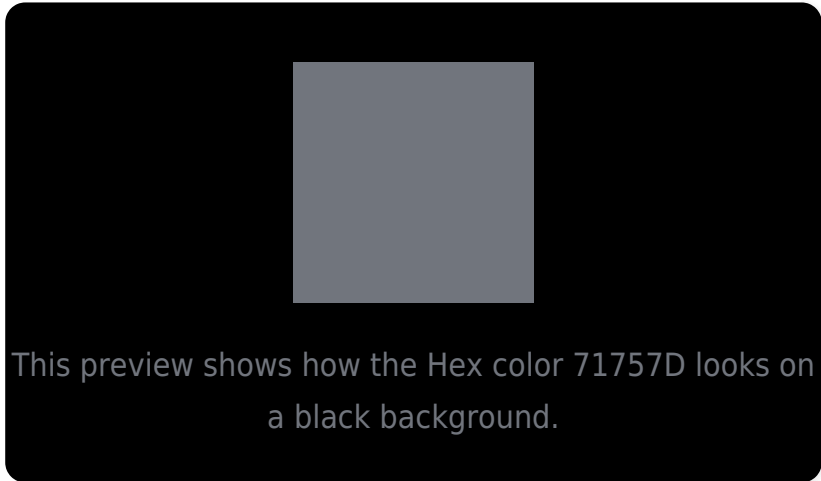
Large Text (above 18pt) WCAG AA ✓ Pass

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

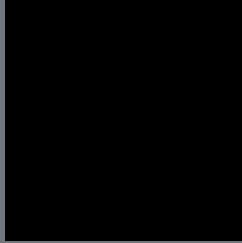
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

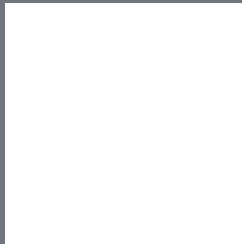
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 71757D Background



This preview shows how black text looks on a background with the Hex color 71757D.



This preview shows how white text looks on a background with the Hex color 71757D.

# 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**  
71757D

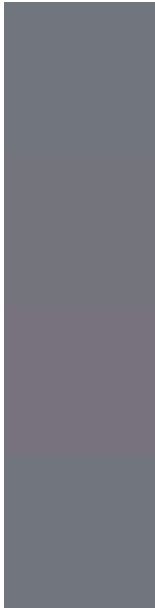
**Protanopia**  
75747C

**Deuteranopia**  
7C717E



**Tritanopia**  
71757E

# Trichromacy



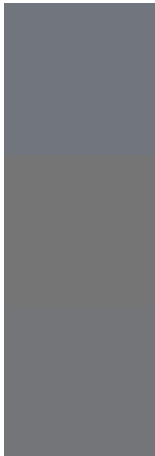
**Original Color**  
71757D

**Protanomaly**  
74747C

**Deuteranomaly**  
78727E

**Tritanomaly**  
71757E

# Monochromacy



**Original Color**  
71757D

**Achromatopsia**  
757575

**Achromatomaly**  
747578

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71757D 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 #71757D looks like.

```
.text, #text, p{  
    color:#71757D  
}
```

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 #71757D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71757D
}
```

## Border

The CSS property to change the border of an element to Hex 71757D is called "border". The border property can be set on classes, ids or directly on the HTML element.

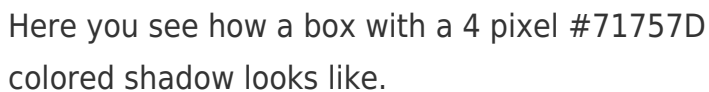
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#71757D }
```

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

```
.border{ border-color:#71757D }
```

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



Here you see how a box with a 4 pixel #71757D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71757D; -webkit-box-shadow:4px 4px  
4px 4px #71757D; box-shadow:4px 4px 4px  
4px #71757D }
```

# Background

The CSS property to change the background color of an element to Hex 71757D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71757D }
```

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

```
.background{ background-color:#71757D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor