

# Converting Colors

Hex(757C85)

Have a look what the booklet for  
Hex(757C85) contains.

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# Color

Hex(757C85)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	757C85
RGB	117, 124, 133
RGB Percent	46%, 49%, 52%
CMY	0.5412, 0.5137, 0.4784
CMYK	0.12, 0.07, 0.00, 0.48
HSL	214°, 6%, 49%
HSV	214°, 12%, 52%
XYZ	18.7774, 19.8907, 25.0399
YIQ	122.9330, -7.0610, 1.3150

# Conversions

## Conversions Part 2

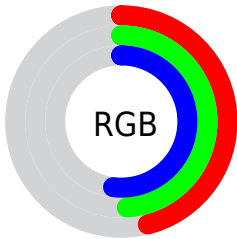
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 122, 133
Decimal	7699589
CIELab	51.71, -0.66, -5.79
CIElCh	52, 5.824, 263.487
Yxy	19.8907, 0.2947, 0.3122
Android (android.graphics.Color)	4285889669 (0xFF757C85)
YUV	122.9330, 4.9630, -5.2032
Hunter-Lab	44.5990, -2.8947, -2.0689

# Details

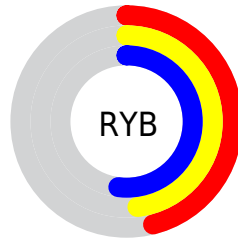
The Hex color **757C85** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **857E75**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **A9B0BA**, and **454B54** is the 20% darker color. If you saturate the color by 10%, you get **687585**, and if you desaturate by 10%, it is **828385**.

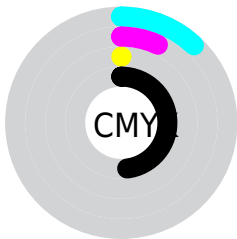
# Distribution



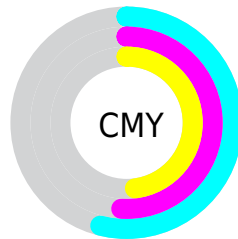
- Red (46%)
- Green (49%)
- Blue (52%)



- Red (46%)
- Yellow (48%)
- Blue (52%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (48%)



- Cyan (54%)
- Magenta (51%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 757C85 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 757C85 by changing the saturation by 10% instead.



■ 757C85

■ 757C85

FFFFFF

■ 5C636C

■ A9B0BA

■ 454B54

■ C4CCD6

■ 2E353C

■ E0E8F2

■ 192027

FDFEFF

■ 000712

■ 000000

■ 757C85

■ 757C85

■ 687585

■ 828385

■ 5A6D85

■ 908B85

■ 4D6685

■ 9D9285

■ 405E85

■ AA9A85

■ 325785

■ B8A185

■ 254F85

■ C5A985

■ 184885

■ D2B085

■ 0B4085

■ DFB885

■ 003A85

■ EDBF85

# Harmonies

## Analogous

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



717D83



757C85



7B7A84

# Triad

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



757C85



867877



757D75

# Complementary

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



757C85



857E75

# 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.



7B7C72



757C85



857973

# Square

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



757C85



85787D



817B71



717E7A

# Rectangle

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



757C85



7F7982



817B71



777D74



# Sweetspot

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



757C85



A6A9AD



75857E



525457



D6D6D6



575757



# Same Dimension

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



757C85



95A0AD



767585



3C3F42



003982



000103



# Inverse Universe

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



85757C



AD95A0



848575



423C3F



820039



030001



# Previews

## White Background



This preview shows how the Hex color 757C85 looks on a white background.

## Color Contrast Check

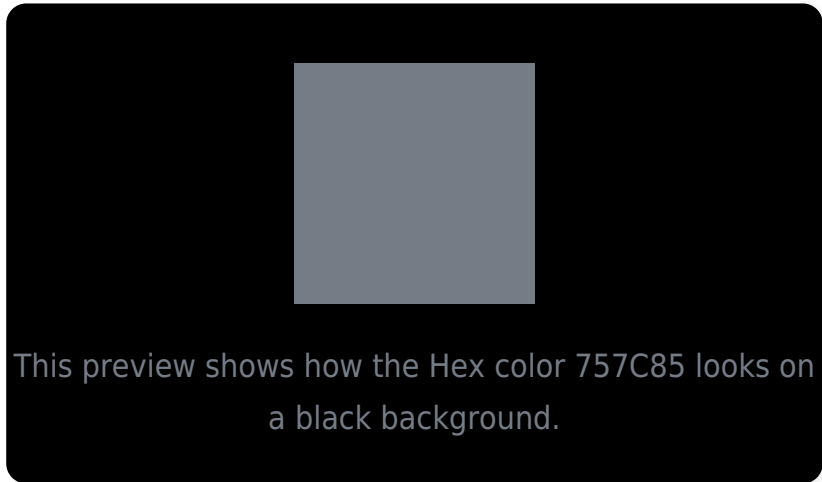
Large Text (above 18pt) WCAG AA ✓ Pass

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

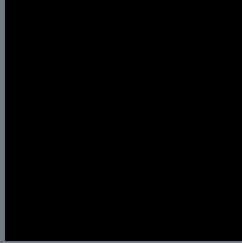
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

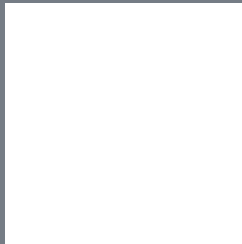
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 757C85 Background



This preview shows how black text looks on a background with the Hex color 757C85.



This preview shows how white text looks on a background with the Hex color 757C85.

# 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](#).

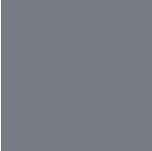
## Dichromacy



**Original Color**  
757C85

**Protanopia**  
7B7A84

**Deuteranopia**  
827886



**Tritanopia**  
757C86

# Trichromacy



**Original Color**  
757C85

**Protanomaly**  
797B84

**Deuteranomaly**  
7D7986

**Tritanomaly**  
757C86

# Monochromacy



**Original Color**  
757C85

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
797B7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 757C85 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 #757C85 looks like.

```
.text, #text, p{  
    color:#757C85  
}
```

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 #757C85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757C85
}
```

## Border

The CSS property to change the border of an element to Hex 757C85 is called "border". The border property can be set on classes, ids or directly on the HTML element.

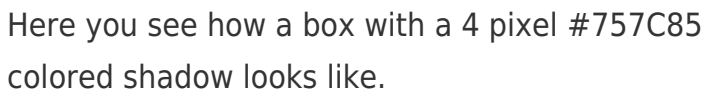
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#757C85 }
```

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

```
.border{ border-color:#757C85 }
```

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



Here you see how a box with a 4 pixel #757C85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757C85; -webkit-box-shadow:4px 4px  
4px 4px #757C85; box-shadow:4px 4px 4px  
4px #757C85 }
```

# Background

The CSS property to change the background color of an element to Hex 757C85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757C85 }
```

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

```
.background{ background-color:#757C85 }
```

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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