

# Converting Colors

Hex(7B555C)

Have a look what the booklet for  
Hex(7B555C) contains.

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**Color**

**Hex(7B555C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B555C
RGB	123, 85, 92
RGB Percent	48%, 33%, 36%
CMY	0.5176, 0.6667, 0.6392
CMYK	0.00, 0.31, 0.25, 0.52
HSL	349°, 18%, 41%
HSV	349°, 31%, 48%
XYZ	13.3486, 11.4807, 11.6377
YIQ	97.1600, 20.4010, 10.2330

# Conversions

## Conversions Part 2

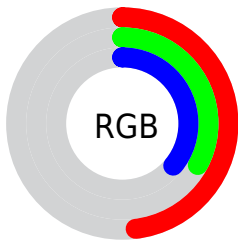
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">123, 85, 92</a>
Decimal	<a href="#">8082780</a>
CIELab	<a href="#">40.38, 16.89, 2.29</a>
CIElCh	<a href="#">40, 17.042, 7.723</a>
Yxy	<a href="#">11.4807, 0.3660, 0.3148</a>
Android (android.graphics.Color)	<a href="#">4286272860 (0xFF7B555C)</a>
YUV	<a href="#">97.1600, -2.5439, 22.6617</a>
Hunter-Lab	<a href="#">33.8831, 11.0267, 3.3542</a>

# Details

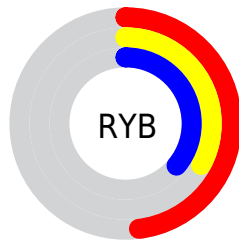
The Hex color **7B555C** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **557B74**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B0878E**, and **49272E** is the 20% darker color. If you saturate the color by 10%, you get **7B4952**, and if you desaturate by 10%, it is **7B6166**.

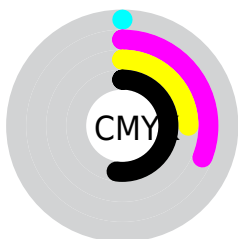
# Distribution



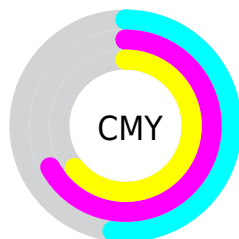
- Red (48%)
- Green (33%)
- Blue (36%)



- Red (48%)
- Yellow (33%)
- Blue (36%)



- Cyan (0%)
- Magenta (31%)
- Yellow (25%)
- Black (52%)



- Cyan (52%)
- Magenta (67%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B555C 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 7B555C by changing the saturation by 10% instead.



 7B555C

 7B555C

FFFFFF

 623E45

 B0878E

 49272E

 CCA1A9

 32121A

 E8BCC4

 1F0001

 FFD8E0

 000000

 FFF5FC

 7B555C

 7B555C

 7B4952

 7B6166

 7B3C48

 7B6E70

 7B303E

 7B7A7A

 7B2434

 7B8684

 7B172A

 7B938E

 7B0B20

 7B9F98

 7B0017

 7BABA2

 7BB7AC

 7BC4B6

# Harmonies

## Analogous

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



74566A



7B555C



7A574F

# Triad

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



7B555C



566349



406379

# Complementary

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



7B555C



557B74

# 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.



366670



7B555C



466654

# Square

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



7B555C



665F44



396762



535F7B

# Rectangle

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



7B555C



765948



396762



3C6576



# Sweetspot

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



7B555C



A19295



73557B



52494A



D1D1D1



525252



# Same Dimension

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



7B555C



A16570



7B6055



3D3738



7D0017



FC002F



# Inverse Universe

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



7B555C



A16570



55707B



3D3738



7D0017

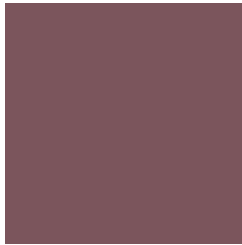


FC002F



# Previews

## White Background



This preview shows how the Hex color 7B555C looks on a white background.

## Color Contrast Check

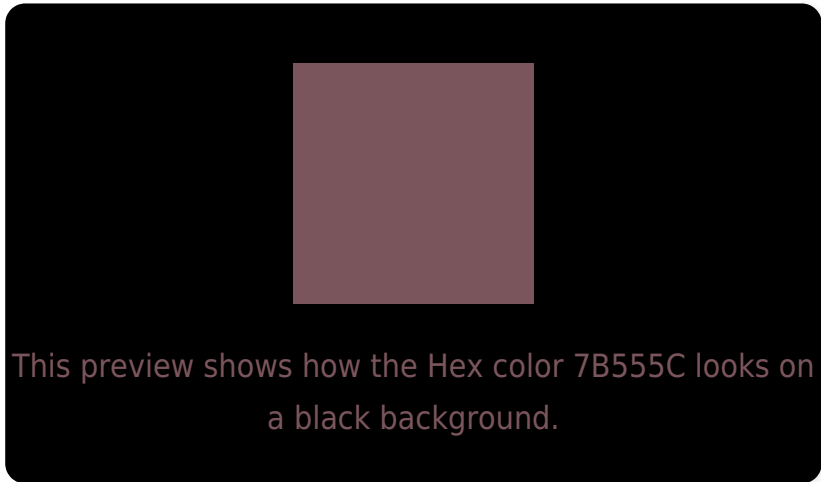
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B555C Background



This preview shows how black text looks on a background with the Hex color 7B555C.



This preview shows how white text looks on a background with the Hex color 7B555C.

# 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](#).

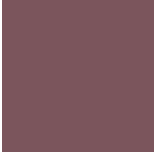
## Dichromacy



**Original Color**  
7B555C

**Protanopia**  
605F62

**Deuteranopia**  
6A5C5B



**Tritanopia**  
7B555C

# Trichromacy



**Original Color**  
7B555C

**Protanomaly**  
6A5B60

**Deuteranomaly**  
70595B

**Tritanomaly**  
7B555C

# Monochromacy



**Original Color**  
7B555C

**Achromatopsia**  
616161

**Achromatomaly**  
6A5D5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B555C 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 #7B555C looks like.

```
.text, #text, p{  
    color:#7B555C  
}
```

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 #7B555C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B555C
}
```

## Border

The CSS property to change the border of an element to Hex 7B555C is called "border". The border property can be set on classes, ids or directly on the HTML element.

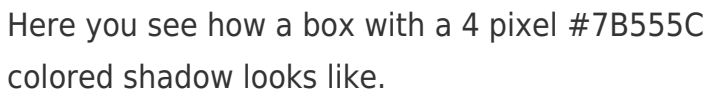
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B555C }
```

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

```
.border{ border-color:#7B555C }
```

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



Here you see how a box with a 4 pixel #7B555C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B555C; -webkit-box-shadow:4px 4px  
4px 4px #7B555C; box-shadow:4px 4px 4px  
4px #7B555C }
```

# Background

The CSS property to change the background color of an element to Hex 7B555C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B555C }
```

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

```
.background{ background-color:#7B555C }
```

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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