

# Converting Colors

Hex(7C7C85)

Have a look what the booklet for  
Hex(7C7C85) contains.

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# Color

**Hex(7C7C85)**

# Conversions

Conversions Part 1	
Format	Color
Hex	7C7C85
RGB	124, 124, 133
RGB Percent	49%, 49%, 52%
CMY	0.5137, 0.5137, 0.4784
CMYK	0.07, 0.07, 0.00, 0.48
HSL	240°, 4%, 50%
HSV	240°, 7%, 52%
XYZ	19.7535, 20.3938, 25.0856
YIQ	125.0260, -2.8890, 2.7990

# Conversions

## Conversions Part 2

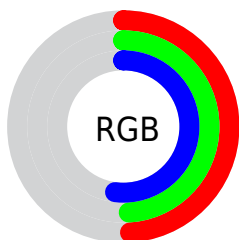
Format	Color
<a href="#">RYB</a>	<a href="#">124, 124, 133</a>
Decimal	<a href="#">8158341</a>
CIELab	<a href="#">52.28, 1.86, -4.88</a>
CIELCh	<a href="#">52, 5.226, 290.842</a>
Yxy	<a href="#">20.3938, 0.3028, 0.3126</a>
Android (android.graphics.Color)	<a href="#">4286348421</a> (0xFF7C7C85)
YUV	<a href="#">125.0260, 3.9312, -0.8998</a>
Hunter-Lab	<a href="#">45.1595, -0.9506, -1.3232</a>

# Details

The Hex color **7C7C85** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **85857C**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B1B0BA**, and **4B4B54** is the 20% darker color. If you saturate the color by 10%, you get **6F6F85**, and if you desaturate by 10%, it is **898985**.

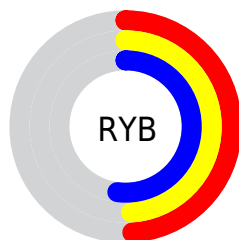
# Distribution



Red (49%)

Green (49%)

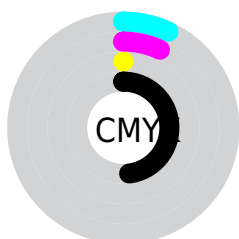
Blue (52%)



Red (49%)

Yellow (49%)

Blue (52%)

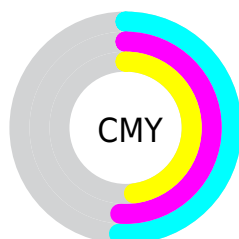


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (48%)



Cyan (51%)

Magenta (51%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C7C85 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 7C7C85 by changing the saturation by 10% instead.





7C7C85



7C7C85

FFFFFF



63636C



B1B0BA



4B4B54



CCCCDD



35353C



E8E8F2



1F2027



080712



000000



7C7C85



7C7C85



6F6F85



898985



616185



979785

 545485

 A4A485

 474785

 B1B185

 393985

 BFBF85

 2C2C85

 CCCC85

 1F1F85

 D9D985

 121285

 E6E685

 040485

 F4F485

# Harmonies

## Analogous

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



777D85



7C7C85



817B82

# Triad

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



7C7C85



857B76



747F7B

# Complementary

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



7C7C85



85857C

# 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.



787F77



7C7C85



827C74

# Square

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



7C7C85



877A7A



7D7D74



727F80

# Rectangle

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



7C7C85



847A80



7D7D74



757F7A



# Sweetspot

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



7C7C85



AAAAAD



7C8585



555557



D6D6D6



575757



# Same Dimension

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



7C7C85



A0A0AD



817C85



3C3C42



000082



000003



# Inverse Universe

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



857C85



ADA0AD



81857C



423C42



820082



030003



# Previews

## White Background



This preview shows how the Hex color 7C7C85 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



This preview shows how the Hex color 7C7C85 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

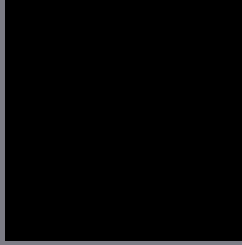
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

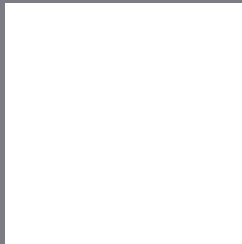
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7C7C85 Background



This preview shows how black text looks on a background with the Hex color 7C7C85.



This preview shows how white text looks on a background with the Hex color 7C7C85.

# 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**

7C7C85

**Protanopia**

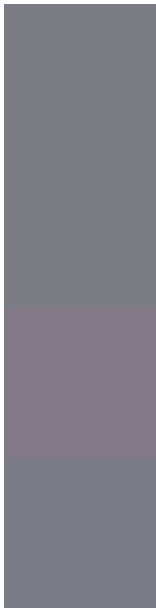
7C7C85

**Deuteranopia**

857986



# Trichromacy



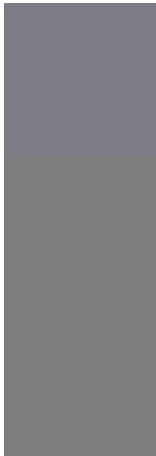
**Original Color**  
7C7C85

**Protanomaly**  
7C7C85

**Deuteranomaly**  
827A86

**Tritanomaly**  
7C7C86

# Monochromacy



**Original Color**  
7C7C85

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
7D7D80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C7C85 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 #7C7C85 looks like.

```
.text, #text, p{  
    color:#7C7C85  
}
```

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 #7C7C85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C7C85
}
```

## Border

The CSS property to change the border of an element to Hex 7C7C85 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
#7C7C85 }
```

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

```
.border{ border-color:#7C7C85 }
```

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

Here you see how a box with a 4 pixel #7C7C85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C7C85; -webkit-box-shadow:4px 4px  
4px 4px #7C7C85; box-shadow:4px 4px 4px  
4px #7C7C85 }
```

# Background

The CSS property to change the background color of an element to Hex 7C7C85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C7C85 }
```

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

```
.background{ background-color:#7C7C85 }
```

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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