

Converting Colors

Hex(7D7990)

Have a look what the booklet for
Hex(7D7990) contains.

Hex(7D7990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7D7990)

Conversions

Conversions Part 1

Format	Color
Hex	7D7990
RGB	125, 121, 144
RGB Percent	49%, 47%, 56%
CMY	0.5098, 0.5255, 0.4353
CMYK	0.13, 0.16, 0.00, 0.44
HSL	250°, 9%, 52%
HSV	250°, 16%, 56%
XYZ	20.3289, 20.0483, 29.1838
YIQ	124.8180, -4.9990, 8.0010

Conversions

Conversions Part 2

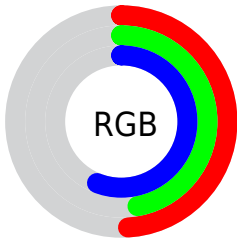
Format	Color
R_{YB}	125, 121, 144
Decimal	8223120
CIE _{Lab}	51.89, 6.38, -11.90
CIE _{LCh}	52, 13.498, 298.202
Yxy	20.0483, 0.2922, 0.2882
Android (android.graphics.Color)	4286413200 (0xFF7D7990)
YUV	124.8180, 9.4567, 0.1596
Hunter-Lab	44.7754, 2.6855, -7.3015

Details

The Hex color **7D7990** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8C9079**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B2ADC6**, and **4C495E** is the 20% darker color. If you saturate the color by 10%, you get **716B90**, and if you desaturate by 10%, it is **898790**.

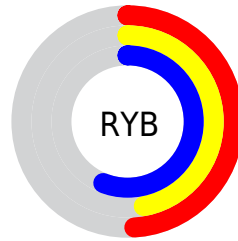
Distribution



Red (49%)

Green (47%)

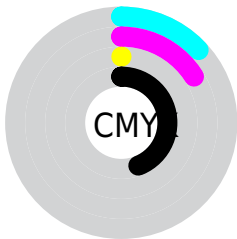
Blue (56%)



Red (49%)

Yellow (47%)

Blue (56%)

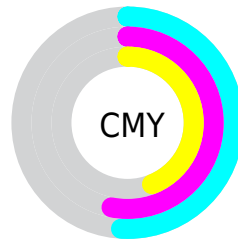


Cyan (13%)

Magenta (16%)

Yellow (0%)

Black (44%)



Cyan (51%)

Magenta (53%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D7990 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 7D7990 by changing the saturation by 10% instead.

■ 7D7990

■ 7D7990

FFFFFF

■ 646076

■ B2ADC6

■ 4C495E

■ CDC9E2

■ 353246

■ E9E5FE

■ 1F1D30

■ 0A031B

■ 000000

■ 7D7990

■ 7D7990

■ 716B90

■ 898790

■ 655C90

■ 959690

■ 594E90

■ A1A490

■ 4D3F90

■ ADB390

■ 423190

■ B8C190

■ 362390

■ C4CF90

■ 2A1490

■ D0DE90

■ 1E0690

■ DCEC90

■ 190090

■ E8FB90

Harmonies

Analogous

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



6E7D93



7D7990



8A7688

Triad

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



7D7990



8F7768



61827B

Complementary

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



7D7990



8C9079

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.



6C816F



7D7990



867B65

Square

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



7D7990



947471



797E67



5D8286

Rectangle

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



7D7990



907481



797E67



648277

Sweetspot

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



7D7990



B2B1BA



798C90



5A595E



DEDEDE



5E5E5E

Same Dimension

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



7D7990



9D97BA



887990



424047



180087



010008

Inverse Universe

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



90798C



BA97B4



819079



474046



870070



080006

Previews

White Background



This preview shows how the Hex color 7D7990 looks on a white background.

Color Contrast Check

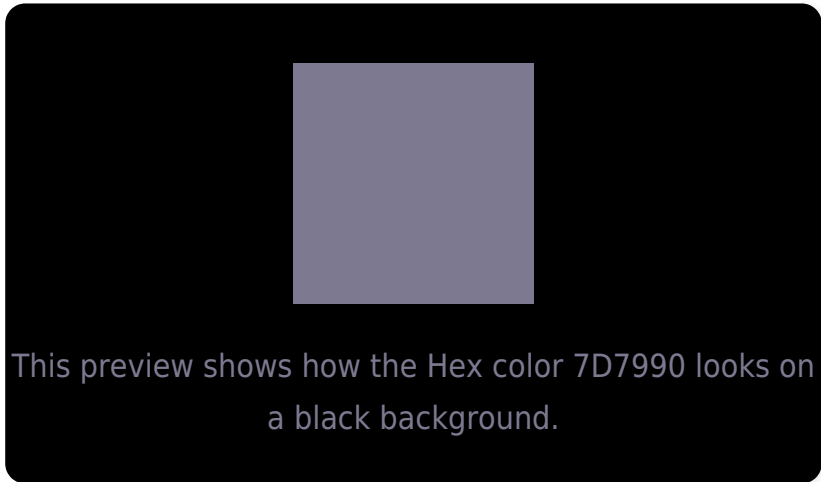
Large Text (above 18pt) WCAG AA ✓ Pass

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

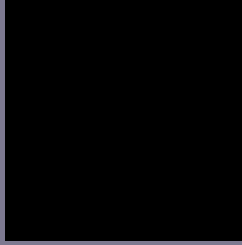
Any Text WCAG AA ✓ Pass

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 7D7990 Background



This preview shows how black text looks on a background with the Hex color 7D7990.



This preview shows how white text looks on a background with the Hex color 7D7990.

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

7D7990

Protanopia

777B91

Deuteranopia

7E7990



Tritanopia
7B7B85

Trichromacy



Original Color
7D7990

Protanomaly
797A91

Deuteranomaly
7E7990

Tritanomaly
7C7A89

Monochromacy



Original Color
7D7990

Achromatopsia
7D7D7D

Achromatomaly
7D7C84

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D7990 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 #7D7990 looks like.

```
.text, #text, p{  
    color:#7D7990  
}
```

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 #7D7990 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D7990
}
```

Border

The CSS property to change the border of an element to Hex 7D7990 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".

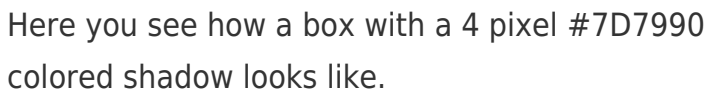
```
.border, #border, table{ border:4px solid
#7D7990 }
```

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

```
.border{ border-color:#7D7990 }
```

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

Here you see how a box with a 4 pixel #7D7990 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D7990; -webkit-box-shadow:4px 4px  
4px 4px #7D7990; box-shadow:4px 4px 4px  
4px #7D7990 }
```

Background

The CSS property to change the background color of an element to Hex 7D7990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D7990 }
```

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

```
.background{ background-color:#7D7990 }
```

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