

# Converting Colors

Hex(7A7995)

Have a look what the booklet for  
Hex(7A7995) contains.

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# Color

Hex(7A7995)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A7995
RGB	122, 121, 149
RGB Percent	48%, 47%, 58%
CMY	0.5216, 0.5255, 0.4157
CMYK	0.18, 0.19, 0.00, 0.42
HSL	242°, 12%, 53%
HSV	242°, 19%, 58%
XYZ	20.2882, 19.9822, 31.2214
YIQ	124.4910, -8.3920, 8.9200

# Conversions

## Conversions Part 2

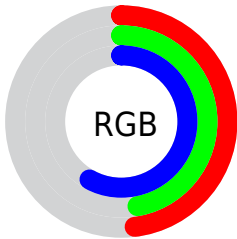
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 121, 149
Decimal	8026517
CIE Lab	51.82, 6.50, -14.96
CIE LCh	52, 16.310, 293.492
Yxy	19.9822, 0.2838, 0.2795
Android (android.graphics.Color)	4286216597 (0xFF7A7995)
YUV	124.4910, 12.0829, -2.1846
Hunter-Lab	44.7015, 2.7864, -10.1196

# Details

The Hex color **7A7995** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **949579**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **AFADC8**, and **494962** is the 20% darker color. If you saturate the color by 10%, you get **6C6A95**, and if you desaturate by 10%, it is **888895**.

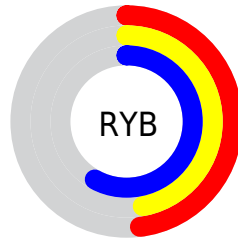
# Distribution



Red (48%)

Green (47%)

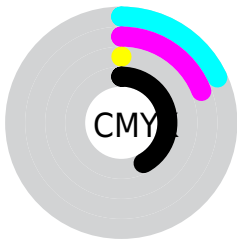
Blue (58%)



Red (48%)

Yellow (47%)

Blue (58%)

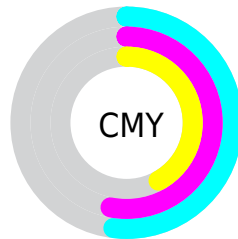


Cyan (18%)

Magenta (19%)

Yellow (0%)

Black (42%)



Cyan (52%)

Magenta (53%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A7995 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 7A7995 by changing the saturation by 10% instead.



■ 7A7995

■ 7A7995

FFFFFF

■ 61607B

■ AFADCB

■ 494962

■ CAC9E7

■ 32324A

■ E6E5FF

■ 1C1D34

■ 06031F

■ 000002

■ 000000

■ 7A7995

■ 7A7995

■ 6C6A95

■ 888895

5D5B95

979795

4F4C95

A5A695

413D95

B3B595

322E95

C2C395

242095

D0D295

151195

DFE195

070295

EDF095

050095

FBFF95

# Harmonies

## Analogous

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



677E97



7A7995



8B758C

# Triad

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



7A7995



947566



5C8378

# Complementary

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



7A7995



949579

# 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.



6A826B



7A7995



897A60

# Square

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



7A7995



997271



7A7E62



558386

# Rectangle

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



7A7995



937284



7A7E62



618373



# Sweetspot

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



7A7995



B7B6C2



799495



5A5A61



E0E0E0



616161



# Same Dimension

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



7A7995



9795C2



887995



43434A



05008A



00000A



# Inverse Universe

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



957994



C295C0



869579



4A434A



8A0085



0A000A



# Previews

## White Background



This preview shows how the Hex color 7A7995 looks on a white background.

## Color Contrast Check

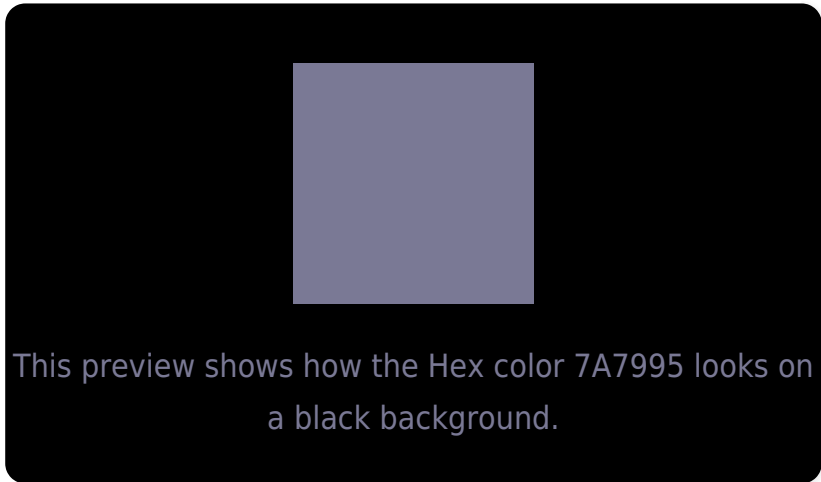
Large Text (above 18pt) WCAG AA ✓ Pass

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

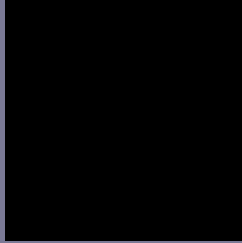
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7A7995 Background



This preview shows how black text looks on a background with the Hex color 7A7995.



This preview shows how white text looks on a background with the Hex color 7A7995.

# 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**


7A7995

**Protanopia**

757A96

**Deuteranopia**

7B7995



**Tritanopia**  
777C86

# Trichromacy



**Original Color**

7A7995

**Protanomaly**

777A96

**Deuteranomaly**

7B7995

**Tritanomaly**

787B8B

# Monochromacy



**Original Color**

7A7995

**Achromatopsia**

7C7C7C

**Achromatomaly**

7B7B85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A7995 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 #7A7995 looks like.

```
.text, #text, p{  
    color:#7A7995  
}
```

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 #7A7995 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7995
}
```

## Border

The CSS property to change the border of an element to Hex 7A7995 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
#7A7995 }
```

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

```
.border{ border-color:#7A7995 }
```

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

Here you see how a box with a 4 pixel #7A7995 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7995; -webkit-box-shadow:4px 4px  
4px 4px #7A7995; box-shadow:4px 4px 4px  
4px #7A7995 }
```

# Background

The CSS property to change the background color of an element to Hex 7A7995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7995 }
```

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

```
.background{ background-color:#7A7995 }
```

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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