

# Converting Colors

Hex(797A86)

Have a look what the booklet for  
Hex(797A86) contains.

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# Color

Hex(797A86)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	797A86
RGB	121, 122, 134
RGB Percent	47%, 48%, 53%
CMY	0.5255, 0.5216, 0.4745
CMYK	0.10, 0.09, 0.00, 0.47
HSL	235°, 5%, 50%
HSV	235°, 10%, 53%
XYZ	19.1478, 19.7052, 25.3486
YIQ	123.0690, -4.4480, 3.5200

# Conversions

## Conversions Part 2

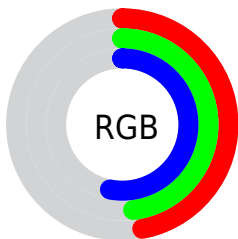
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 122, 134
Decimal	7961222
CIE Lab	51.50, 2.15, -6.65
CIE LCh	52, 6.991, 287.923
Yxy	19.7052, 0.2982, 0.3069
Android (android.graphics.Color)	4286151302 (0xFF797A86)
YUV	123.0690, 5.3890, -1.8145
Hunter-Lab	44.3906, -0.6880, -2.7832

# Details

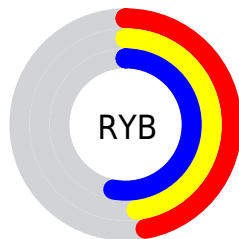
The Hex color **797A86** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **868579**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **ADAEBB**, and **484954** is the 20% darker color. If you saturate the color by 10%, you get **6C6E86**, and if you desaturate by 10%, it is **868686**.

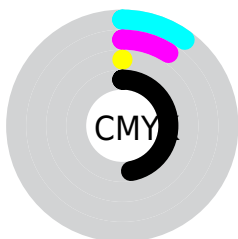
# Distribution



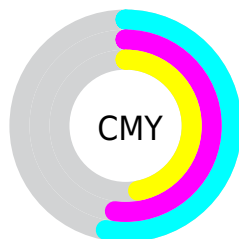
- Red (47%)
- Green (48%)
- Blue (53%)



- Red (47%)
- Yellow (48%)
- Blue (53%)



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)
- Black (47%)



- Cyan (53%)
- Magenta (52%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 797A86 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 797A86 by changing the saturation by 10% instead.



■ 797A86

■ 797A86

FFFFFF

■ 60616D

■ ADAEBB

■ 484954

■ C9CAD7

■ 32333D

■ E5E6F3

■ 1D1E28

■ 030413

■ 000000

■ 797A86

■ 797A86

■ 6C6E86

■ 868686

■ 5E6186

■ 949386

■ 515586

■ A19F86

■ 434986

■ AFAB86

■ 363C86

■ BCB886

■ 293086

■ C9C486

■ 1B2386

■ D7D186

■ 0E1786

■ E4DD86

■ 000B86

■ F2E986

# Harmonies

## Analogous

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



727C86



797A86



807883

# Triad

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



797A86



877872



6F7E78

# Complementary

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



797A86



868579

# 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.



757D73



797A86



82796F

# Square

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



797A86



887777



7C7B6F



6C7E7E

# Rectangle

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



797A86



84777F



7C7B6F



717E76



# Sweetspot

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



797A86



A8A9AD



798685



535357



D6D6D6



575757



# Same Dimension

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



797A86



999AAD



7E7986



3C3C42



000A82



000003



# Inverse Universe

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



86797A



AD999A



818679



423C3C



82000A

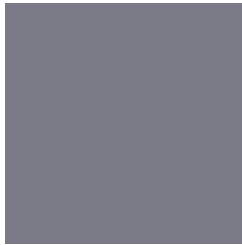


030000



# Previews

## White Background



This preview shows how the Hex color 797A86 looks on a white background.

## Color Contrast Check

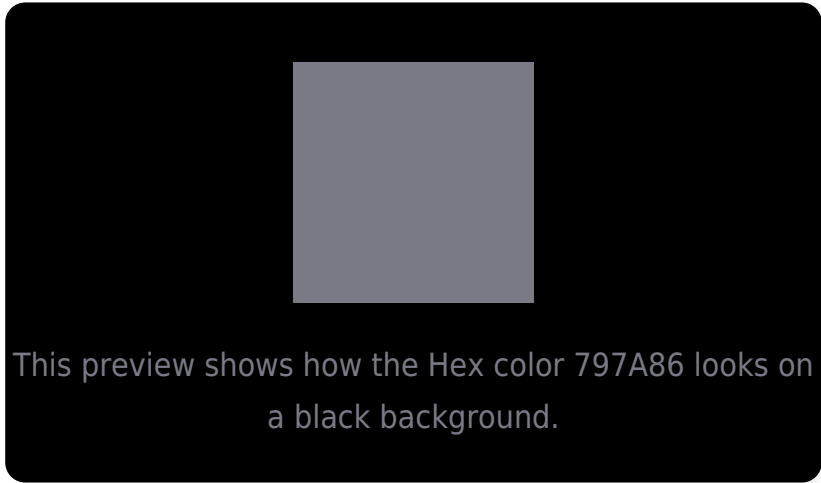
Large Text (above 18pt) WCAG AA ✓ Pass

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

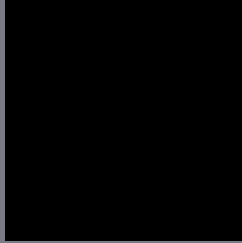
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

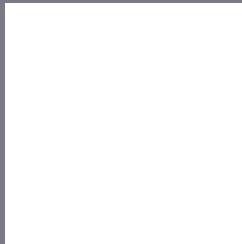
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 797A86 Background



This preview shows how black text looks on a background with the Hex color 797A86.



This preview shows how white text looks on a background with the Hex color 797A86.

# 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**  
797A86

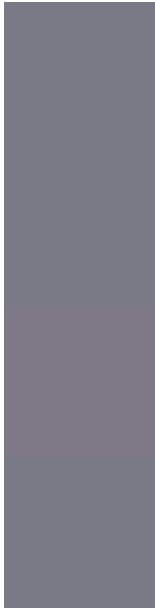
**Protanopia**  
7A7A86

**Deuteranopia**  
817787



**Tritanopia**  
797A84

# Trichromacy



**Original Color**  
797A86

**Protanomaly**  
7A7A86

**Deuteranomaly**  
7E7887

**Tritanomaly**  
797A85

# Monochromacy



**Original Color**  
797A86

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7A7B7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 797A86 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 #797A86 looks like.

```
.text, #text, p{  
    color:#797A86  
}
```

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 #797A86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #797A86
}
```

## Border

The CSS property to change the border of an element to Hex 797A86 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
#797A86 }
```

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

```
.border{ border-color:#797A86 }
```

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

Here you see how a box with a 4 pixel #797A86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #797A86; -webkit-box-shadow:4px 4px  
4px 4px #797A86; box-shadow:4px 4px 4px  
4px #797A86 }
```

# Background

The CSS property to change the background color of an element to Hex 797A86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#797A86 }
```

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

```
.background{ background-color:#797A86 }
```

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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