

Converting Colors

Hex(797D87)

Have a look what the booklet for
Hex(797D87) contains.

Hex(797D87)	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(797D87)

Conversions

Conversions Part 1

Format	Color
Hex	797D87
RGB	121, 125, 135
RGB Percent	47%, 49%, 53%
CMY	0.5255, 0.5098, 0.4706
CMYK	0.10, 0.07, 0.00, 0.47
HSL	223°, 6%, 50%
HSV	223°, 10%, 53%
XYZ	19.5919, 20.4814, 25.8424
YIQ	124.9440, -5.5940, 2.2620

Conversions

Conversions Part 2

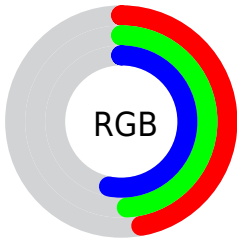
Format	Color
RYB	121, 124, 135
Decimal	7961991
CIELab	52.38, 0.63, -5.94
CIELCh	52, 5.970, 276.050
Yxy	20.4814, 0.2972, 0.3107
Android (android.graphics.Color)	4286152071 (0xFF797D87)
YUV	124.9440, 4.9576, -3.4589
Hunter-Lab	45.2564, -1.9244, -2.1763

Details

The Hex color **797D87** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **878379**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **ADB2BC**, and **484C55** is the 20% darker color. If you saturate the color by 10%, you get **6C7387**, and if you desaturate by 10%, it is **878787**.

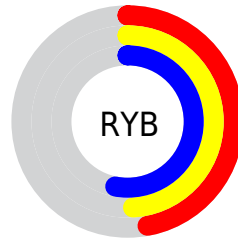
Distribution



Red (47%)

Green (49%)

Blue (53%)



Red (47%)

Yellow (49%)

Blue (53%)

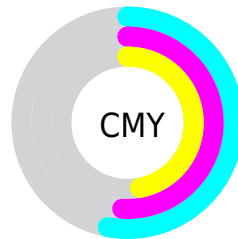


Cyan (10%)

Magenta (7%)

Yellow (0%)

Black (47%)



Cyan (53%)

Magenta (51%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 797D87 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 797D87 by changing the saturation by 10% instead.



797D87



797D87

FFFFFF



60646E



ADB2BC



484C55



C9CDD8



32363E



E5E9F4



1D2028



030914



000000



797D87



797D87



6C7387



878787



5E6A87



949087

■ 516087

■ A29A87

■ 435687

■ AFA487

■ 354D87

■ BDAD87

■ 284387

■ CAB787

■ 1A3987

■ D7C187

■ 0D3087

■ E5CA87

■ 002787

■ F3D487

Harmonies

Analogous

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



747F86



797D87



7F7B85

Triad

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



797D87



887A77



758079

Complementary

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



797D87



878379

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.



7A7E75



797D87



857B74

Square

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



797D87



887A7C



807D73



71807E

Rectangle

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



797D87



837A83



807D73



767F77

Sweetspot

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



797D87



ABACB0



798783



565759



D9D9D9



595959

Same Dimension

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



797D87



9BA1B0



7C7987



3C3E42



002582



000103

Inverse Universe

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



87797D



B09BA1



848779



423C3E



820025



030001

Previews

White Background



This preview shows how the Hex color 797D87 looks on a white background.

Color Contrast Check

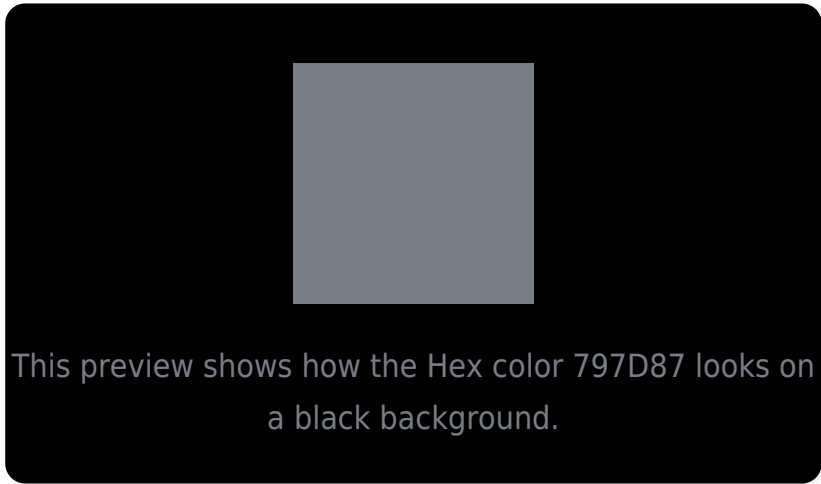
Large Text (above 18pt) WCAG AA ✓ Pass

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

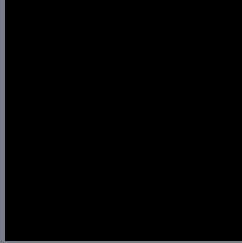
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

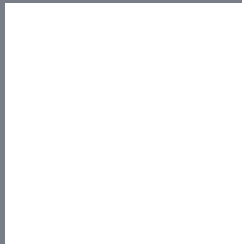
Any Text WCAG AAA × Fail

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

Hex 797D87 Background



This preview shows how black text looks on a background with the Hex color 797D87.



This preview shows how white text looks on a background with the Hex color 797D87.

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
797D87

Protanopia
7C7C86

Deuteranopia
847988



Tritanopia
797D87

Trichromacy



Original Color
797D87

Protanomaly
7B7C86

Deuteranomaly
807A88

Tritanomaly
797D87

Monochromacy



Original Color
797D87

Achromatopsia
7D7D7D

Achromatomaly
7C7D81

CSS Examples

Text

The CSS property to change the color of the text to Hex 797D87 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 #797D87 looks like.

```
.text, #text, p{  
    color:#797D87  
}
```

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 #797D87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #797D87
}
```

Border

The CSS property to change the border of an element to Hex 797D87 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
#797D87 }
```

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

```
.border{ border-color:#797D87 }
```

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

Here you see how a box with a 4 pixel #797D87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #797D87; -webkit-box-shadow:4px 4px  
4px 4px #797D87; box-shadow:4px 4px 4px  
4px #797D87 }
```

Background

The CSS property to change the background color of an element to Hex 797D87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#797D87 }
```

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

```
.background{ background-color:#797D87 }
```

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