

Converting Colors

Hex(797B85)

Have a look what the booklet for
Hex(797B85) contains.

Hex(797B85)	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(797B85)

Conversions

Conversions Part 1

Format	Color
Hex	797B85
RGB	121, 123, 133
RGB Percent	47%, 48%, 52%
CMY	0.5255, 0.5176, 0.4784
CMYK	0.09, 0.08, 0.00, 0.48
HSL	230°, 5%, 50%
HSV	230°, 9%, 52%
XYZ	19.2018, 19.9243, 25.0240
YIQ	123.5420, -4.4020, 2.6860

Conversions

Conversions Part 2

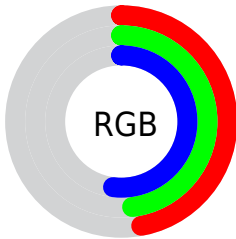
Format	Color
R_{YB}	121, 123, 133
Decimal	7961477
CIE Lab	51.75, 1.35, -5.69
CIE LCh	52, 5.853, 283.358
Yxy	19.9243, 0.2993, 0.3106
Android (android.graphics.Color)	4286151557 (0xFF797B85)
YUV	123.5420, 4.6628, -2.2293
Hunter-Lab	44.6367, -1.3272, -1.9933

Details

The Hex color **797B85** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **858379**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **ADAFBA**, and **484A54** is the 20% darker color. If you saturate the color by 10%, you get **6C7085**, and if you desaturate by 10%, it is **868685**.

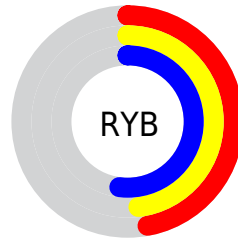
Distribution



Red (47%)

Green (48%)

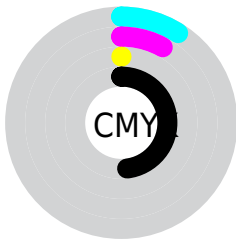
Blue (52%)



Red (47%)

Yellow (48%)

Blue (52%)

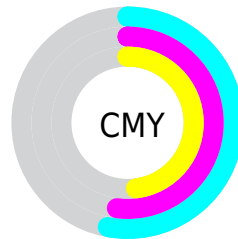


Cyan (9%)

Magenta (8%)

Yellow (0%)

Black (48%)



Cyan (53%)

Magenta (52%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 797B85 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 797B85 by changing the saturation by 10% instead.



797B85



797B85

FFFFFF



60626C



ADAFBA



484A54



C9CBD6



32343C



E5E7F2



1D1F27



030612



000000



797B85



797B85



6C7085



868685



5E6585



949185

■ 515A85

■ A19C85

■ 444F85

■ AEA785

■ 364485

■ BBB285

■ 293985

■ C9BD85

■ 1C2D85

■ D6C985

■ 0F2285

■ E3D485

■ 011785

■ F1DF85

Harmonies

Analogous

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



737D85



797B85



7F7983

Triad

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



797B85



867975



727E78

Complementary

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



797B85



858379

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.



777D74



797B85



827A72

Square

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



797B85



867879



7D7C72



6F7E7D

Rectangle

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



797B85



837980



7D7C72



747E77

Sweetspot

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



797B85



A8A9AD



798583



535457



D6D6D6



575757

Same Dimension

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



797B85



9A9EAD



7D7985



3C3D42



001682



000003

Inverse Universe

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



85797B



AD9A9E



818579



423C3D



820016



030000

Previews

White Background



This preview shows how the Hex color 797B85 looks on a white background.

Color Contrast Check

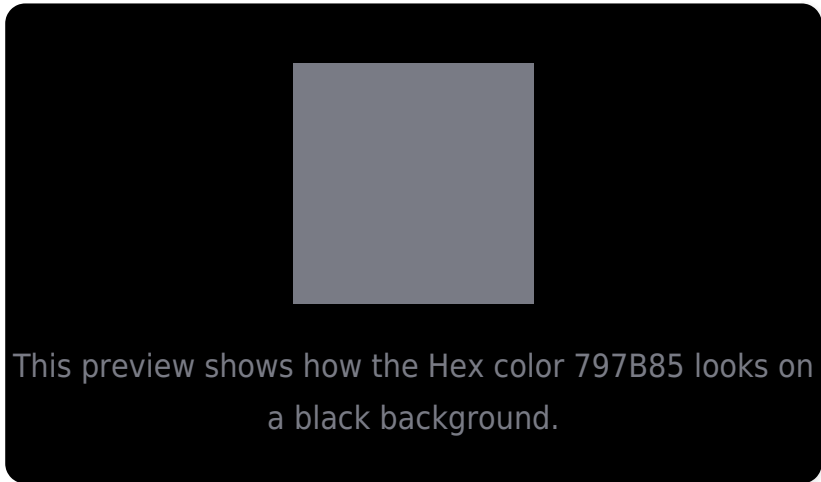
Large Text (above 18pt) WCAG AA ✓ Pass

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

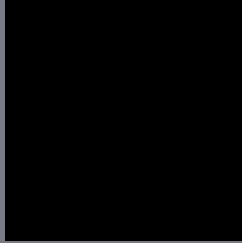
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

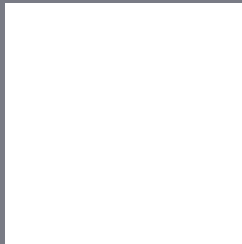
Any Text WCAG AAA × Fail

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

Hex 797B85 Background



This preview shows how black text looks on a background with the Hex color 797B85.



This preview shows how white text looks on a background with the Hex color 797B85.

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

797B85

Protanopia

7B7A85

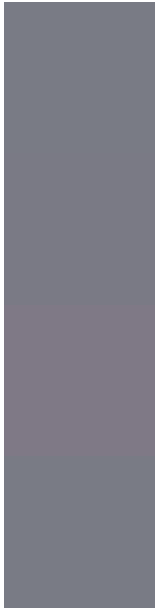
Deuteranopia

837886



Tritanopia
797B85

Trichromacy



Original Color

797B85

Protanomaly

7A7A85

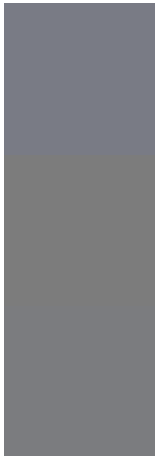
Deuteranomaly

7F7986

Tritanomaly

797B85

Monochromacy



Original Color

797B85

Achromatopsia

7C7C7C

Achromatomaly

7B7C7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 797B85 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 #797B85 looks like.

```
.text, #text, p{  
    color:#797B85  
}
```

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 #797B85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #797B85
}
```

Border

The CSS property to change the border of an element to Hex 797B85 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
#797B85 }
```

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

```
.border{ border-color:#797B85 }
```

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

Here you see how a box with a 4 pixel #797B85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #797B85; -webkit-box-shadow:4px 4px  
4px 4px #797B85; box-shadow:4px 4px 4px  
4px #797B85 }
```

Background

The CSS property to change the background color of an element to Hex 797B85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#797B85 }
```

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

```
.background{ background-color:#797B85 }
```

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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