

Converting Colors

Hex(2B887D)

Have a look what the booklet for
Hex(2B887D) contains.

Hex(2B887D)	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(2B887D)

Conversions

Conversions Part 1

Format	Color
Hex	2B887D
RGB	43, 136, 125
RGB Percent	17%, 53%, 49%
CMY	0.8314, 0.4667, 0.5098
CMYK	0.68, 0.00, 0.08, 0.47
HSL	173°, 52%, 35%
HSV	173°, 68%, 53%
XYZ	13.5021, 19.6026, 22.4741
YIQ	106.9390, -51.8970, -23.1370

Conversions

Conversions Part 2

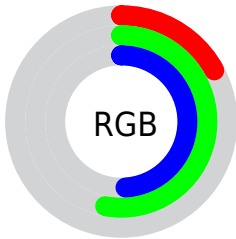
Format	Color
RYB	43, 92, 136
Decimal	2852989
CIELab	51.38, -29.56, -2.02
CIElCh	51, 29.631, 183.900
Yxy	19.6026, 0.2429, 0.3527
Android (android.graphics.Color)	4281043069 (0xFF2B887D)
YUV	106.9390, 8.9041, -56.0745
Hunter-Lab	44.2748, -23.0453, 0.8965

Details

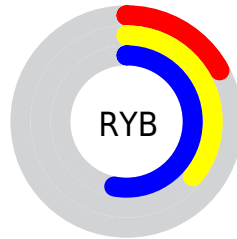
The Hex color **2B887D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **882B36**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **66BEB2**, and **00554C** is the 20% darker color. If you saturate the color by 10%, you get **1D887B**, and if you desaturate by 10%, it is **39887F**.

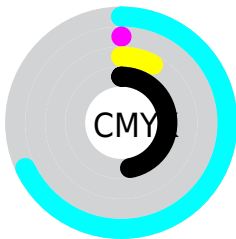
Distribution



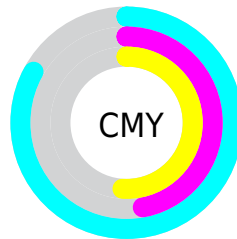
- Red (17%)
- Green (53%)
- Blue (49%)



- Red (17%)
- Yellow (36%)
- Blue (53%)



- Cyan (68%)
- Magenta (0%)
- Yellow (8%)
- Black (47%)



- Cyan (83%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B887D 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 2B887D by changing the saturation by 10% instead.

 2B887D

 2B887D

FFFFFF

 006E64

 66BEB2

 00554C

 82DACD

 003E36

 9EF6E9

 002720

 BAF6FF

 000A0A

 D7FFFF

 000000

 F5FFFF

 2B887D

 2B887D

 1D887B

 39887F

■ 10887A

■ 468880

■ 028878

■ 548882

■ 008878

■ 618883

■ 6F8885

■ 7D8887

■ 8A8888

■ 98888A

■ A5888B

Harmonies

Analogous

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



4E8663



2B887D



0A8796

Triad

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



2B887D



8273A4



9D714E

Complementary

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



2B887D



882B36

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.



AA6A5F



2B887D



9D6A91

Square

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



2B887D



5B7CAD



AB6778



887A47

Rectangle

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



2B887D



1E85A3



AB6778



A36E52

Sweetspot

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



2B887D



8BB0AC



37882B



435957



D9D9D9



595959

Same Dimension

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



2B887D



20B09F



2B6688



3E4544



008575



000504

Inverse Universe

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



882B36



B02031



884D2B



453E3F



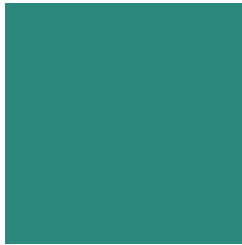
850010



050001

Previews

White Background



This preview shows how the Hex color 2B887D looks on a white background.

Color Contrast Check

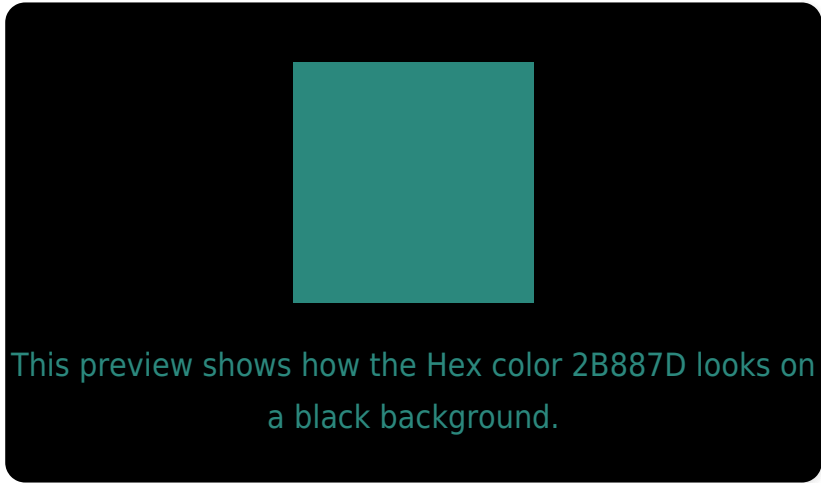
Large Text (above 18pt) WCAG AA ✓ Pass

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

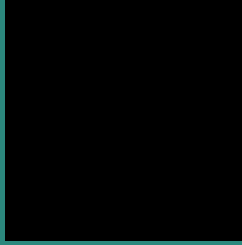
Any Text WCAG AA ✓ Pass

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 2B887D Background



This preview shows how black text looks on a background with the Hex color 2B887D.

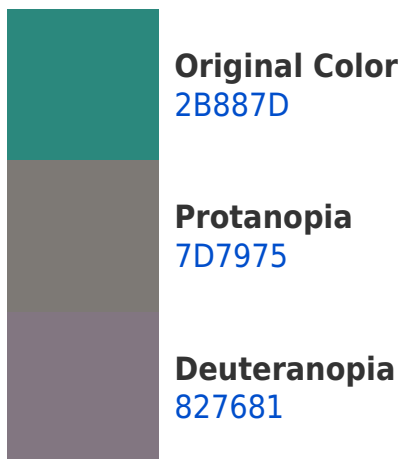


This preview shows how white text looks on a background with the Hex color 2B887D.

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





Tritanopia
358590

Trichromacy



Original Color
2B887D

Protanomaly
5F7E78

Deuteranomaly
627D80

Tritanomaly
318689

Monochromacy



Original Color
2B887D

Achromatopsia
6B6B6B

Achromatomaly
547672

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B887D 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 #2B887D looks like.

```
.text, #text, p{  
    color:#2B887D  
}
```

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 #2B887D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B887D
}
```

Border

The CSS property to change the border of an element to Hex 2B887D 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
#2B887D }
```

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

```
.border{ border-color:#2B887D }
```

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

Here you see how a box with a 4 pixel #2B887D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B887D; -webkit-box-shadow:4px 4px  
4px 4px #2B887D; box-shadow:4px 4px 4px  
4px #2B887D }
```

Background

The CSS property to change the background color of an element to Hex 2B887D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B887D }
```

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

```
.background{ background-color:#2B887D }
```

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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