

Converting Colors

Hex(2A987D)

Have a look what the booklet for
Hex(2A987D) contains.

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Color

Hex(2A987D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2A987D |
| RGB | 42, 152, 125 |
| RGB Percent | 16%, 60%, 49% |
| CMY | 0.8353, 0.4039, 0.5098 |
| CMYK | 0.72, 0.00, 0.18, 0.40 |
| HSL | 165°, 57%, 38% |
| HSV | 165°, 72%, 60% |
| XYZ | 15.8848, 24.4294, 23.2802 |
| YIQ | 116.0320, -56.8930, -31.7170 |

Conversions

Conversions Part 2

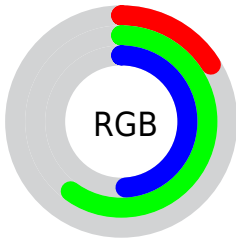
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 42, 105, 152 |
| Decimal | 2791549 |
| CIE _{Lab} | 56.52, -37.15, 5.43 |
| CIE _{LCh} | 57, 37.548, 171.680 |
| Yxy | 24.4294, 0.2498, 0.3841 |
| Android (android.graphics.Color) | 4280981629 (0xFF2A987D) |
| YUV | 116.0320, 4.4212, -64.9261 |
| Hunter-Lab | 49.4261, -29.1286, 6.6721 |

Details

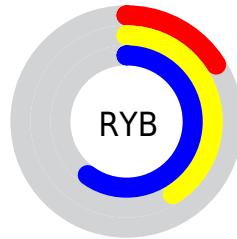
The Hex color **2A987D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **982A45**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **68CFB2**, and **00644C** is the 20% darker color. If you saturate the color by 10%, you get **1B9879**, and if you desaturate by 10%, it is **399881**.

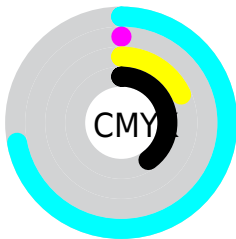
Distribution



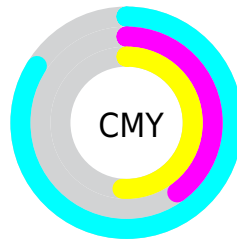
- Red (16%)
- Green (60%)
- Blue (49%)



- Red (16%)
- Yellow (41%)
- Blue (60%)



- Cyan (72%)
- Magenta (0%)
- Yellow (18%)
- Black (40%)



- Cyan (84%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A987D 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 2A987D by changing the saturation by 10% instead.

 2A987D

 2A987D

FFFFFF

 007E64

 68CFB2

 00644C

 84EBCD

 004B36

 A1FFE9

 003420

 BEFFFF

 001F09

 DBFFFF

 000000

 F9FFFF

 2A987D

 2A987D

 1B9879

 399881

■ 0C9876

■ 489884

■ 009873

■ 589888

■ 67988C

■ 769890

■ 859893

■ 949897

■ A4989B

■ B3989F

Harmonies

Analogous

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



5E945E



2A987D



00989F

Triad

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



2A987D



7D82C4



BB7755

Complementary

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



2A987D



982A45

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.



C66E71



2A987D



A776B0

Square

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



2A987D



3E8EC8



C06E92



A48346

Rectangle

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



2A987D



0097B2



C06E92



C0735E

Sweetspot

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



2A987D



99C4BA



46982A



4A635D



E3E3E3



636363

Same Dimension

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



2A987D



1AC49A



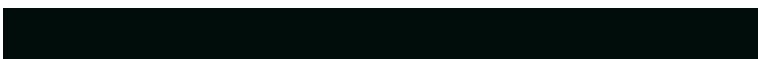
2A7D98



454D4B



008C6A



000D0A

Inverse Universe

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



982A45



C41A43



98462A



4D4547



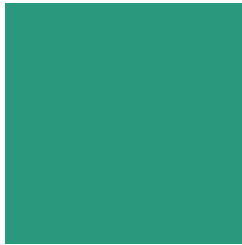
8C0022



0D0003

Previews

White Background



This preview shows how the Hex color 2A987D looks on a white background.

Color Contrast Check

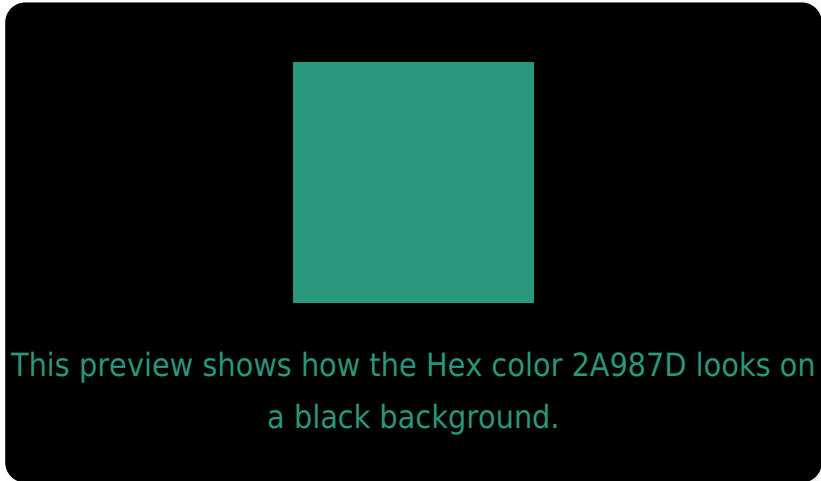
Large Text (above 18pt) WCAG AA ✓ Pass

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

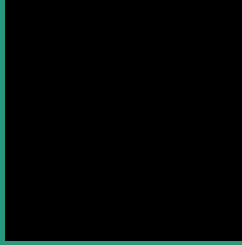
Any Text WCAG AA ✓ Pass

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 2A987D Background



This preview shows how black text looks on a background with the Hex color 2A987D.

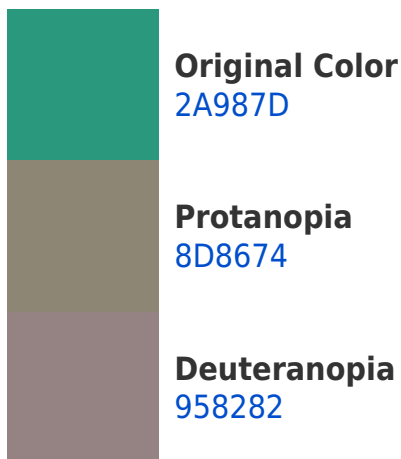


This preview shows how white text looks on a background with the Hex color 2A987D.

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
3B939F

Trichromacy



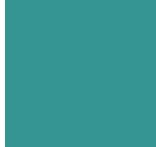
Original Color
2A987D



Protanomaly
698D77



Deuteranomaly
6E8A80



Tritanomaly
359593

Monochromacy



Original Color
2A987D



Achromatopsia
747474



Achromatomaly
598177

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A987D 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 #2A987D looks like.

```
.text, #text, p{  
    color:#2A987D  
}
```

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 #2A987D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A987D  
}
```

Border

The CSS property to change the border of an element to Hex 2A987D 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  
#2A987D }
```

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

```
.border{ border-color:#2A987D }
```

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

Here you see how a box with a 4 pixel #2A987D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A987D; -webkit-box-shadow:4px 4px  
4px 4px #2A987D; box-shadow:4px 4px 4px  
4px #2A987D }
```

Background

The CSS property to change the background color of an element to Hex 2A987D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A987D }
```

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

```
.background{ background-color:#2A987D }
```

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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