

Converting Colors

Hex(2D9E7D)

Have a look what the booklet for
Hex(2D9E7D) contains.

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Color

Hex(2D9E7D)

Conversions

Conversions Part 1

Format	Color
Hex	2D9E7D
RGB	45, 158, 125
RGB Percent	18%, 62%, 49%
CMY	0.8235, 0.3804, 0.5098
CMYK	0.72, 0.00, 0.21, 0.38
HSL	162°, 56%, 40%
HSV	162°, 72%, 62%
XYZ	17.0107, 26.4923, 23.6190
YIQ	120.4510, -56.7550, -34.2190

Conversions

Conversions Part 2

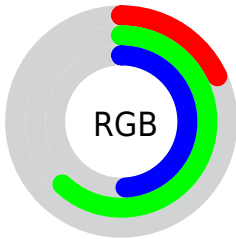
Format	Color
R_{YB}	45, 111, 158
Decimal	2989693
CIE _{Lab}	58.50, -39.35, 8.28
CIE _{LCh}	59, 40.216, 168.118
Yxy	26.4923, 0.2534, 0.3947
Android (android.graphics.Color)	4281179773 (0xFF2D9E7D)
YUV	120.4510, 2.2427, -66.1705
Hunter-Lab	51.4706, -31.0805, 8.8223

Details

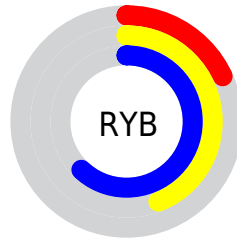
The Hex color **2D9E7D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9E2D4E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **6BD5B2**, and **006A4C** is the 20% darker color. If you saturate the color by 10%, you get **1D9E78**, and if you desaturate by 10%, it is **3D9E82**.

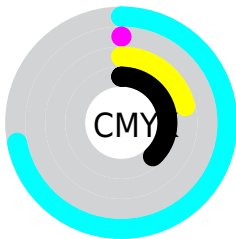
Distribution



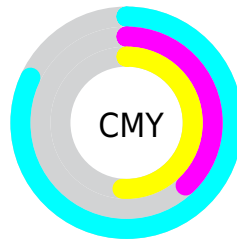
- Red (18%)
- Green (62%)
- Blue (49%)



- Red (18%)
- Yellow (44%)
- Blue (62%)



- Cyan (72%)
- Magenta (0%)
- Yellow (21%)
- Black (38%)



- Cyan (82%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D9E7D 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 2D9E7D by changing the saturation by 10% instead.

 2D9E7D

 2D9E7D

FFFFFF

 008364

 6BD5B2

 006A4C

 87F2CD

 005135

 A4FFE9

 003920

 C1FFFF

 002409

 DEFFFF

 000000

 FCFFFF

 2D9E7D

 2D9E7D

 1D9E78

 3D9E82

0D9E74

4D9E86

009E70

5C9E8B

6C9E8F

7C9E94

8C9E99

9C9E9D

AB9EA2

BB9EA7

Harmonies

Analogous

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



659A5C



2D9E7D



009FA1

Triad

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



2D9E7D



7A89D0



C6795A

Complementary

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



2D9E7D



9E2D4E

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.



D07179



2D9E7D



AB7BBC

Square

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



2D9E7D



2D94D1



C7719C



AE8647

Rectangle

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



2D9E7D



009DB7



C7719C



CB7663

Sweetspot

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



2D9E7D



A3CFC2



4F9E2D



4E6961



E8E8E8



696969

Same Dimension

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



2D9E7D



1DCF9B



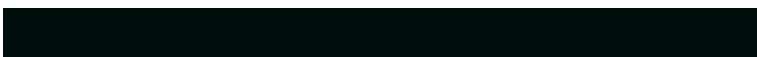
2D879E



474F4D



008F65



000F0B

Inverse Universe

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



9E2D4E



CF1D51



9E442D



4F4749



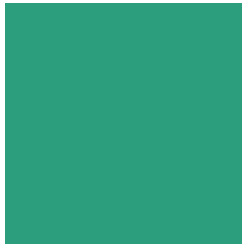
8F002A



0F0004

Previews

White Background



This preview shows how the Hex color 2D9E7D 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



This preview shows how the Hex color 2D9E7D looks on a 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 2D9E7D Background



This preview shows how black text looks on a background with the Hex color 2D9E7D.

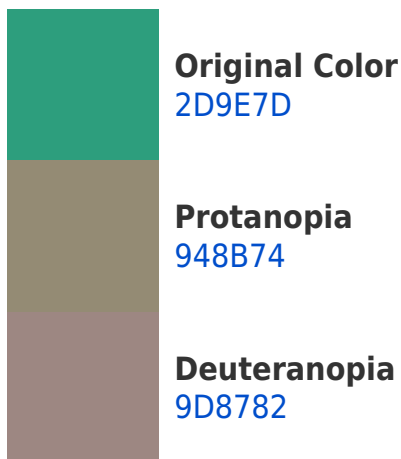


This preview shows how white text looks on a background with the Hex color 2D9E7D.

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
4099A5

Trichromacy



Original Color
2D9E7D



Protanomaly
6F9277



Deuteranomaly
748F80



Tritanomaly
399B96

Monochromacy



Original Color
2D9E7D



Achromatopsia
787878



Achromatomaly
5D867A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D9E7D 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 #2D9E7D looks like.

```
.text, #text, p{  
    color:#2D9E7D  
}
```

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 #2D9E7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9E7D
}
```

Border

The CSS property to change the border of an element to Hex 2D9E7D 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
#2D9E7D }
```

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

```
.border{ border-color:#2D9E7D }
```

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

Here you see how a box with a 4 pixel #2D9E7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9E7D; -webkit-box-shadow:4px 4px  
4px 4px #2D9E7D; box-shadow:4px 4px 4px  
4px #2D9E7D }
```

Background

The CSS property to change the background color of an element to Hex 2D9E7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9E7D }
```

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

```
.background{ background-color:#2D9E7D }
```

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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