

Converting Colors

Hex(2D927A)

Have a look what the booklet for
Hex(2D927A) contains.

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Color

Hex(2D927A)

Conversions

Conversions Part 1

Format	Color
Hex	2D927A
RGB	45, 146, 122
RGB Percent	18%, 57%, 48%
CMY	0.8235, 0.4275, 0.5216
CMYK	0.69, 0.00, 0.16, 0.43
HSL	166°, 53%, 37%
HSV	166°, 69%, 57%
XYZ	14.8739, 22.5208, 21.9754
YIQ	113.0650, -52.4920, -28.8760

Conversions

Conversions Part 2

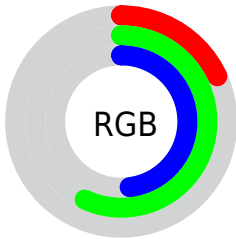
Format	Color
R_{YB}	45, 102, 146
Decimal	2986618
CIE _{Lab}	54.58, -34.76, 4.37
CIE _{LCh}	55, 35.035, 172.841
Yxy	22.5208, 0.2505, 0.3793
Android (android.graphics.Color)	4281176698 (0xFF2D927A)
YUV	113.0650, 4.4050, -59.6930
Hunter-Lab	47.4561, -27.1018, 5.7640

Details

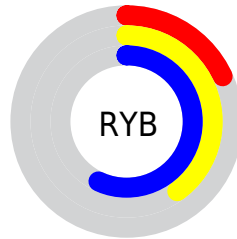
The Hex color **2D927A** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **922D45**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **68C9AE**, and **005F49** is the 20% darker color. If you saturate the color by 10%, you get **1E9277**, and if you desaturate by 10%, it is **3C927D**.

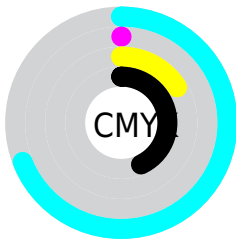
Distribution



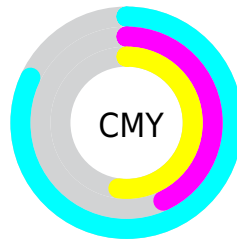
- Red (18%)
- Green (57%)
- Blue (48%)



- Red (18%)
- Yellow (40%)
- Blue (57%)



- Cyan (69%)
- Magenta (0%)
- Yellow (16%)
- Black (43%)



- Cyan (82%)
- Magenta (43%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D927A 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 2D927A by changing the saturation by 10% instead.

 2D927A

 2D927A

FFFFFF

 007861

 68C9AE

 005F49

 84E5CA

 004633


 A1FFE6

 002F1E

 BEFFFF

 001905

 DBFFFF

 000000

 F8FFFF

 2D927A

 2D927A

 1E9277

 3C927D

■ 109273

■ 4A9281

■ 019270

■ 599284

■ 00926F

■ 679288

■ 76928B

■ 85928F

■ 939292

■ A29296

■ B09299

Harmonies

Analogous

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



5B8F5D



2D927A



009299

Triad

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



2D927A



7B7DBA



B27453

Complementary

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



2D927A



922D45

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.



BD6C6D



2D927A



A172A7

Square

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



2D927A



4488BE



B86B8B



9C7E46

Rectangle

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



2D927A



0090AB



B86B8B



B7705B

Sweetspot

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



2D927A



95BDB3



46922D



475E59



DEDEDE



5E5E5E

Same Dimension

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



2D927A



20BD97



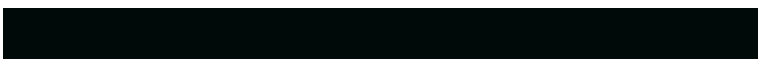
2D7992



434A48



008A69



000A08

Inverse Universe

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



922D45



BD2045



92462D



4A4344



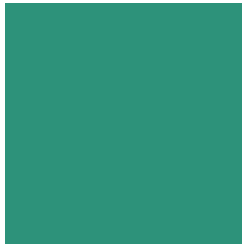
8A0021



0A0002

Previews

White Background



This preview shows how the Hex color 2D927A looks on a white background.

Color Contrast Check

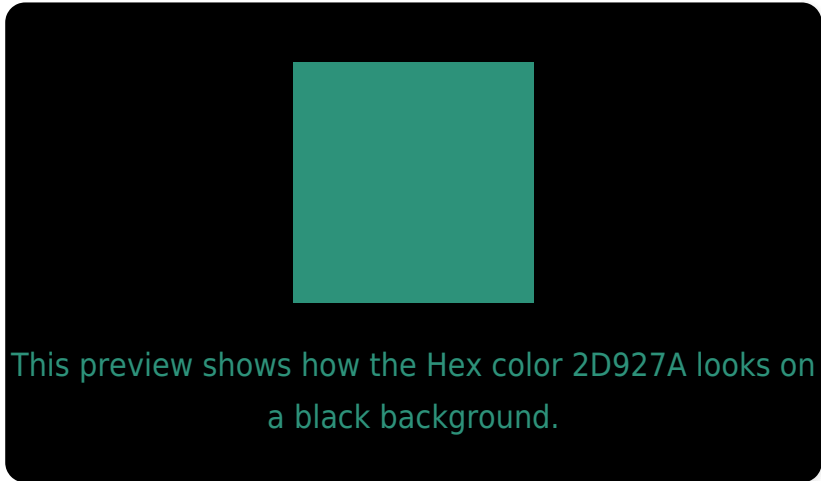
Large Text (above 18pt) WCAG AA ✓ Pass

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

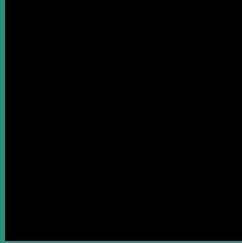
Any Text WCAG AA ✓ Pass

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 2D927A Background



This preview shows how black text looks on a background with the Hex color 2D927A.



This preview shows how white text looks on a background with the Hex color 2D927A.

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
3C8E99

Trichromacy



Original Color
2D927A



Protanomaly
678774



Deuteranomaly
6B857D



Tritanomaly
378F8E

Monochromacy



Original Color
2D927A



Achromatopsia
717171



Achromatomaly
587D74

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D927A 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 #2D927A looks like.

```
.text, #text, p{  
    color:#2D927A  
}
```

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 #2D927A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D927A
}
```

Border

The CSS property to change the border of an element to Hex 2D927A 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
#2D927A }
```

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

```
.border{ border-color:#2D927A }
```

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

Here you see how a box with a 4 pixel #2D927A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D927A; -webkit-box-shadow:4px 4px  
4px 4px #2D927A; box-shadow:4px 4px 4px  
4px #2D927A }
```

Background

The CSS property to change the background color of an element to Hex 2D927A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D927A }
```

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

```
.background{ background-color:#2D927A }
```

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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