

Converting Colors

Hex(2C937A)

Have a look what the booklet for
Hex(2C937A) contains.

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Color

Hex(2C937A)

Conversions

Conversions Part 1

Format	Color
Hex	2C937A
RGB	44, 147, 122
RGB Percent	17%, 58%, 48%
CMY	0.8275, 0.4235, 0.5216
CMYK	0.70, 0.00, 0.17, 0.42
HSL	165°, 54%, 37%
HSV	165°, 70%, 58%
XYZ	14.9853, 22.8081, 22.0249
YIQ	113.3530, -53.3630, -29.6110

Conversions

Conversions Part 2

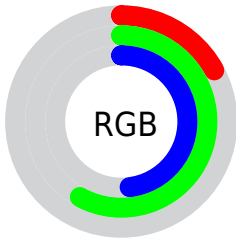
Format	Color
RYB	44, 103, 147
Decimal	2921338
CIELab	54.87, -35.38, 4.79
CIElCh	55, 35.702, 172.285
Yxy	22.8081, 0.2505, 0.3813
Android (android.graphics.Color)	4281111418 (0xFF2C937A)
YUV	113.3530, 4.2630, -60.8226
Hunter-Lab	47.7578, -27.5670, 6.0871

Details

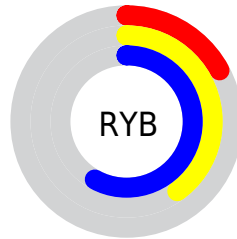
The Hex color **2C937A** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **932C45**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **68CAAE**, and **005F49** is the 20% darker color. If you saturate the color by 10%, you get **1D9376**, and if you desaturate by 10%, it is **3B937E**.

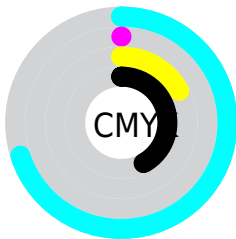
Distribution



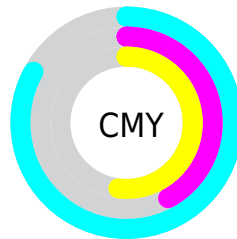
- Red (17%)
- Green (58%)
- Blue (48%)



- Red (17%)
- Yellow (40%)
- Blue (58%)



- Cyan (70%)
- Magenta (0%)
- Yellow (17%)
- Black (42%)



- Cyan (83%)
- Magenta (42%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C937A 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 2C937A by changing the saturation by 10% instead.



2C937A



2C937A

FFFFFF



007961



68CAAE



005F49



84E6CA



004733



A0FFE6



00301E



BDFFFF



001A05



DAFFFF



000000



F8FFFF



2C937A



2C937A



1D9376



3B937E

0F9373

499381

00936F

589385

679388

76938C

84938F

939393

A29397

B0939A

Harmonies

Analogous

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



5C8F5C



2C937A



00939A

Triad

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



2C937A



7A7EBC



B47454

Complementary

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



2C937A



932C45

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.



BF6C6E



2C937A



A273A9

Square

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



2C937A



4289C0



B96B8D



9E7F45

Rectangle

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



2C937A



0092AC



B96B8D



B9715B

Sweetspot

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



2C937A



97BFB6



46932C



49615B



E0E0E0



616161

Same Dimension

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



2C937A



1FBF98



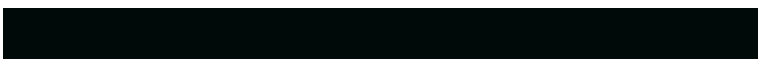
2C7993



434A48



008A68



000A08

Inverse Universe

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



932C45



BF1F46



93462C



4A4344



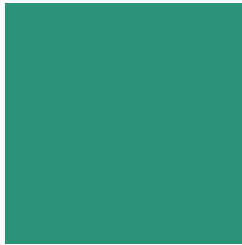
8A0021



0A0002

Previews

White Background



This preview shows how the Hex color 2C937A looks on a white background.

Color Contrast Check

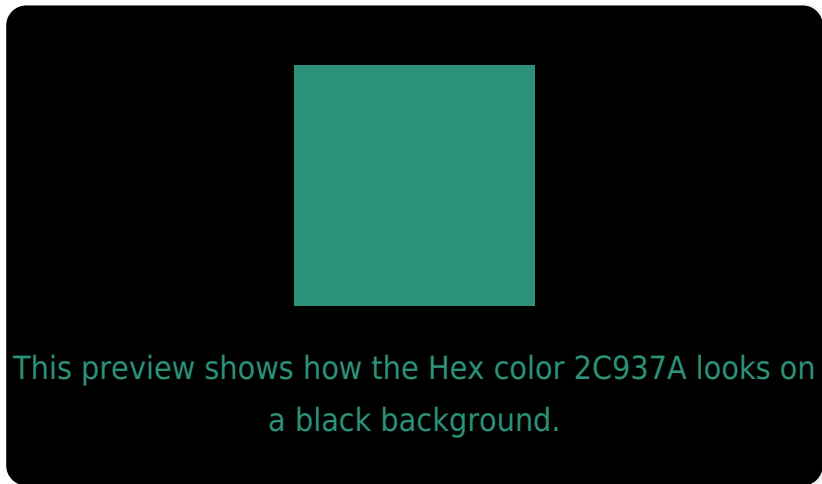
Large Text (above 18pt) WCAG AA ✓ Pass

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

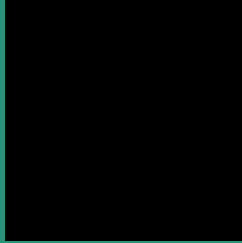
Any Text WCAG AA ✓ Pass

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 2C937A Background



This preview shows how black text looks on a background with the Hex color 2C937A.



This preview shows how white text looks on a background with the Hex color 2C937A.

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
2C937A

Protanopia
898271

Deuteranopia
907E7F



Tritanopia
3B8F9A

Trichromacy



Original Color
2C937A



Protanomaly
678874



Deuteranomaly
6C867D



Tritanomaly
36908E

Monochromacy



Original Color
2C937A



Achromatopsia
717171



Achromatomaly
587D74

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C937A 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 #2C937A looks like.

```
.text, #text, p{  
    color:#2C937A  
}
```

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 #2C937A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C937A
}
```

Border

The CSS property to change the border of an element to Hex 2C937A 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
#2C937A }
```

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

```
.border{ border-color:#2C937A }
```

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

Here you see how a box with a 4 pixel #2C937A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C937A; -webkit-box-shadow:4px 4px  
4px 4px #2C937A; box-shadow:4px 4px 4px  
4px #2C937A }
```

Background

The CSS property to change the background color of an element to Hex 2C937A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C937A }
```

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

```
.background{ background-color:#2C937A }
```

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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