

Converting Colors

Hex(2F9872)

Have a look what the booklet for
Hex(2F9872) contains.

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Color

Hex(2F9872)

Conversions

Conversions Part 1

Format	Color
Hex	2F9872
RGB	47, 152, 114
RGB Percent	18%, 60%, 45%
CMY	0.8157, 0.4039, 0.5529
CMYK	0.69, 0.00, 0.25, 0.40
HSL	158°, 53%, 39%
HSV	158°, 69%, 60%
XYZ	15.4378, 24.2757, 19.7916
YIQ	116.2730, -50.3820, -34.0780

Conversions

Conversions Part 2

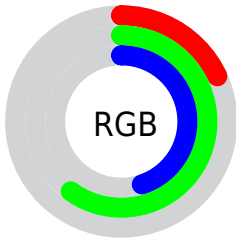
Format	Color
RYB	47, 111, 152
Decimal	3119218
CIELab	56.36, -39.10, 11.47
CIElCh	56, 40.751, 163.652
Yxy	24.2757, 0.2594, 0.4080
Android (android.graphics.Color)	4281309298 (0xFF2F9872)
YUV	116.2730, -1.1206, -60.7524
Hunter-Lab	49.2704, -30.2942, 10.6728

Details

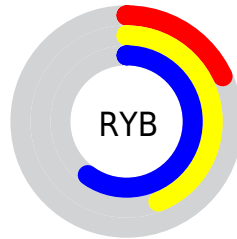
The Hex color **2F9872** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **982F55**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6ACFA6**, and **006442** is the 20% darker color. If you saturate the color by 10%, you get **20986C**, and if you desaturate by 10%, it is **3E9878**.

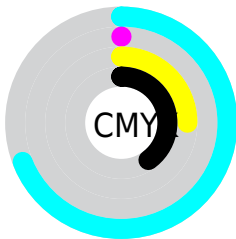
Distribution



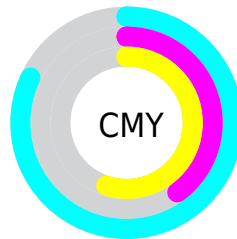
- Red (18%)
- Green (60%)
- Blue (45%)



- Red (18%)
- Yellow (44%)
- Blue (60%)



- Cyan (69%)
- Magenta (0%)
- Yellow (25%)
- Black (40%)



- Cyan (82%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F9872 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 2F9872 by changing the saturation by 10% instead.



2F9872



2F9872

FFFFFF



007E59



6ACFA6



006442



87ECC1



004B2C



A3FFDD



003417



C0FFFA



001E00



DDFFFF



000000



FBFFFF



2F9872



2F9872



20986C



3E9878

■ 119867

■ 4D987D

■ 019861

■ 5D9883

■ 009861

■ 6C9888

■ 7B988E

■ 8A9893

■ 999899

■ A9989E

■ B898A4

Harmonies

Analogous

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



659352



2F9872



009997

Triad

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



2F9872



6A85CC



C37258

Complementary

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



2F9872



982F55

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.



CA6A78



2F9872



9F78BB

Square

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



2F9872



0090CB



BF6C9C



AD7E42

Rectangle

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



2F9872



0098AD



BF6C9C



C76E62

Sweetspot

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



2F9872



9BC4B5



56982F



4B635A



E3E3E3



636363

Same Dimension

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



2F9872



21C489



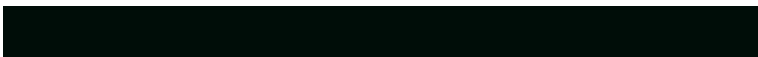
2F8A98



454D4A



008C59



000D08

Inverse Universe

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



982F55



C4215C



983D2F



4D4548



8C0033



0D0005

Previews

White Background



This preview shows how the Hex color 2F9872 looks on a white background.

Color Contrast Check

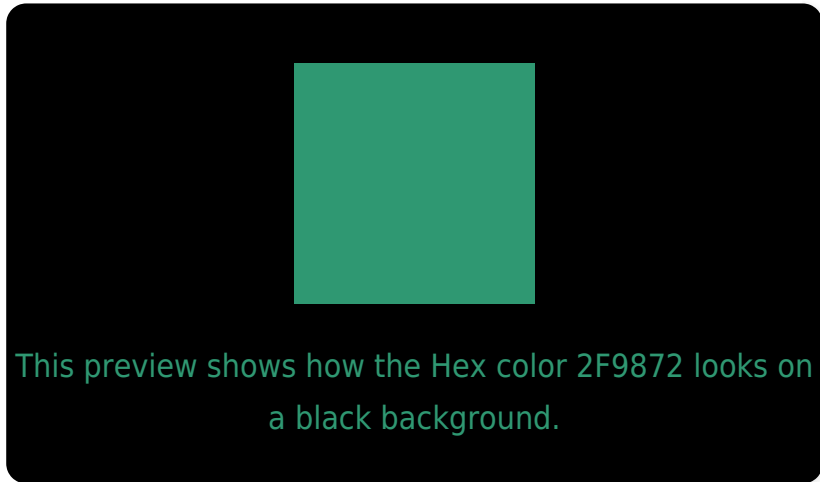
Large Text (above 18pt) WCAG AA ✓ Pass

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 2F9872 Background



This preview shows how black text looks on a background with the Hex color 2F9872.



This preview shows how white text looks on a background with the Hex color 2F9872.

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
2F9872

Protanopia
8F8669

Deuteranopia
998177



Tritanopia
42929E

Trichromacy



Original Color
2F9872



Protanomaly
6C8D6C



Deuteranomaly
728975



Tritanomaly
3B948E

Monochromacy



Original Color
2F9872



Achromatopsia
747474



Achromatomaly
5B8173

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F9872 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 #2F9872 looks like.

```
.text, #text, p{  
    color:#2F9872  
}
```

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 #2F9872 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F9872
}
```

Border

The CSS property to change the border of an element to Hex 2F9872 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
#2F9872 }
```

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

```
.border{ border-color:#2F9872 }
```

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

Here you see how a box with a 4 pixel #2F9872 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F9872; -webkit-box-shadow:4px 4px  
4px 4px #2F9872; box-shadow:4px 4px 4px  
4px #2F9872 }
```

Background

The CSS property to change the background color of an element to Hex 2F9872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F9872 }
```

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

```
.background{ background-color:#2F9872 }
```

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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