

# Converting Colors

Hex(2F9273)

Have a look what the booklet for  
Hex(2F9273) contains.

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# Color

Hex(2F9273)

# Conversions

## Conversions Part 1

Format	Color
Hex	2F9273
RGB	47, 146, 115
RGB Percent	18%, 57%, 45%
CMY	0.8157, 0.4275, 0.5490
CMYK	0.68, 0.00, 0.21, 0.43
HSL	161°, 51%, 38%
HSV	161°, 68%, 57%
XYZ	14.5457, 22.3999, 19.7766
YIQ	112.8650, -49.0530, -30.6290

# Conversions

## Conversions Part 2

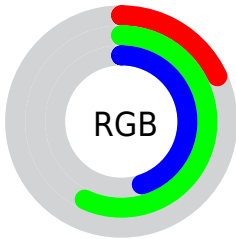
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	47, 106, 146
Decimal	3117683
CIE Lab	54.45, -36.21, 8.20
CIE LCh	54, 37.130, 167.243
Yxy	22.3999, 0.2564, 0.3949
Android (android.graphics.Color)	4281307763 (0xFF2F9273)
YUV	112.8650, 1.0526, -57.7636
Hunter-Lab	47.3285, -27.9658, 8.3552

# Details

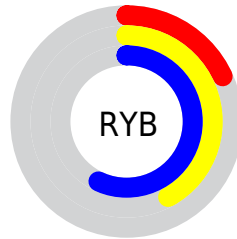
The Hex color **2F9273** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **922F4E**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **69C9A7**, and **005F43** is the 20% darker color. If you saturate the color by 10%, you get **20926E**, and if you desaturate by 10%, it is **3E9278**.

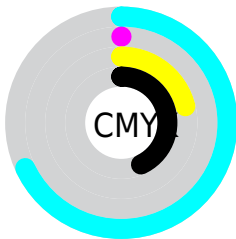
# Distribution



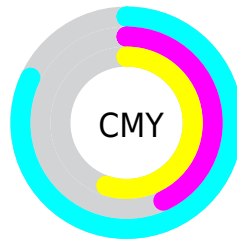
- Red (18%)
- Green (57%)
- Blue (45%)



- Red (18%)
- Yellow (42%)
- Blue (57%)



- Cyan (68%)
- Magenta (0%)
- Yellow (21%)
- Black (43%)



- Cyan (82%)
- Magenta (43%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F9273 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 2F9273 by changing the saturation by 10% instead.



 2F9273

 2F9273

FFFFFF

 02785A


 69C9A7

 005F43

 85E5C2

 00462D

 A2FFDE

 002F18

 BEFFFB

 001800

 DBFFFF

 000000

 F9FFFF

 2F9273

 2F9273

 20926E

 3E9278

■ 12926A

■ 4C927C

■ 039265

■ 5B9281

■ 009264

■ 699285

■ 78928A

■ 87928E

■ 959293

■ A49298

■ B2929C

# Harmonies

## Analogous

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



5F8E55



2F9273



009394

# Triad

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



2F9273



707FBF



B77054

# Complementary

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



2F9273



922F4E

# 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.



C06971



2F9273



9C73AE

# Square

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



2F9273



2C8AC0



B76A91



A27C43

# Rectangle

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



2F9273



0092A8



B76A91



BC6D5D



# Sweetspot

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



2F9273



97BDB1



4E922F



485E57



DEDEDE



5E5E5E



# Same Dimension

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



2F9273



24BD8D



2F8092



434A48



008A5F



000A07



# Inverse Universe

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



922F4E



BD2454



92412F



4A4345



8A002B



0A0003



# Previews

## White Background



This preview shows how the Hex color 2F9273 looks on a white background.

## Color Contrast Check

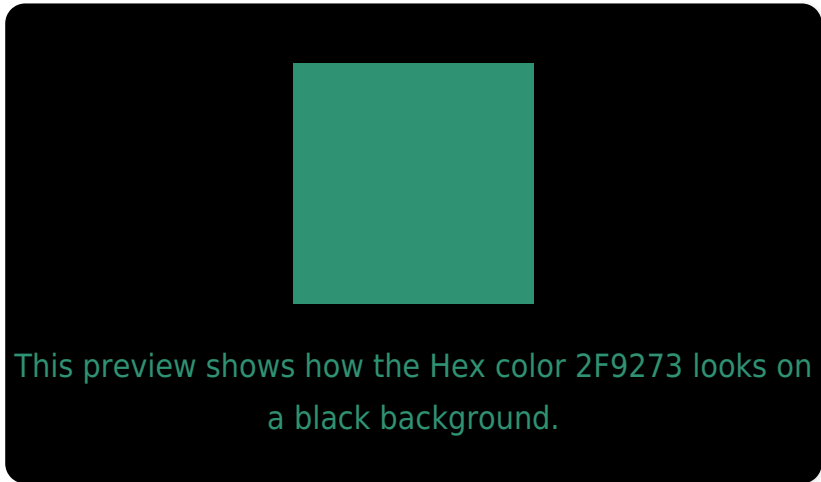
Large Text (above 18pt) WCAG AA ✓ Pass

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

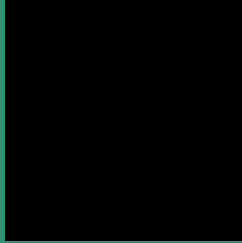
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2F9273 Background



This preview shows how black text looks on a background with the Hex color 2F9273.

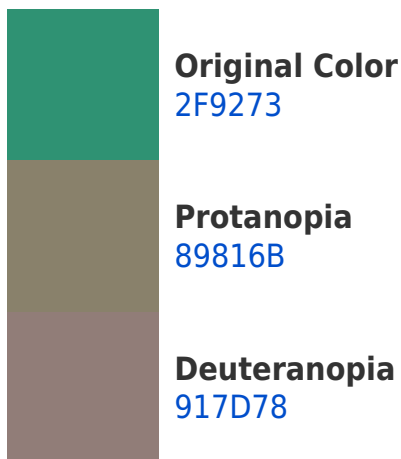


This preview shows how white text looks on a background with the Hex color 2F9273.

# 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**  
3F8D98

# Trichromacy



**Original Color**  
2F9273



**Protanomaly**  
68876E



**Deuteranomaly**  
6D8576



**Tritanomaly**  
398F8B

# Monochromacy



**Original Color**  
2F9273



**Achromatopsia**  
717171



**Achromatomaly**  
597D72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F9273 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 #2F9273 looks like.

```
.text, #text, p{  
    color:#2F9273  
}
```

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 #2F9273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F9273
}
```

## Border

The CSS property to change the border of an element to Hex 2F9273 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
#2F9273 }
```

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

```
.border{ border-color:#2F9273 }
```

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

Here you see how a box with a 4 pixel #2F9273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F9273; -webkit-box-shadow:4px 4px  
4px 4px #2F9273; box-shadow:4px 4px 4px  
4px #2F9273 }
```

# Background

The CSS property to change the background color of an element to Hex 2F9273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F9273 }
```

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

```
.background{ background-color:#2F9273 }
```

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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