

# Converting Colors

Hex(2F8374)

Have a look what the booklet for  
Hex(2F8374) contains.

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# Color

Hex(2F8374)

# Conversions

## Conversions Part 1

Format	Color
Hex	2F8374
RGB	47, 131, 116
RGB Percent	18%, 51%, 45%
CMY	0.8157, 0.4863, 0.5451
CMYK	0.64, 0.00, 0.11, 0.49
HSL	169°, 47%, 35%
HSV	169°, 64%, 51%
XYZ	12.4410, 18.0979, 19.3605
YIQ	104.1740, -45.2490, -22.4730

# Conversions

## Conversions Part 2

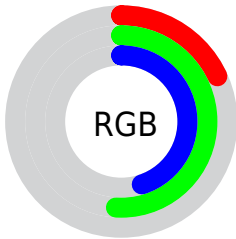
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 93, 131
Decimal	3113844
CIELab	49.61, -28.95, 0.66
CIElCh	50, 28.961, 178.686
Yxy	18.0979, 0.2493, 0.3627
Android (android.graphics.Color)	4281303924 (0xFF2F8374)
YUV	104.1740, 5.8302, -50.1416
Hunter-Lab	42.5416, -22.2468, 2.7965

# Details

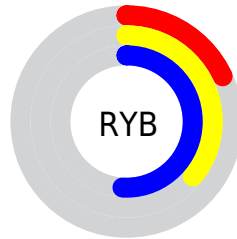
The Hex color **2F8374** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **832F3E**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **67B9A8**, and **005144** is the 20% darker color. If you saturate the color by 10%, you get **228372**, and if you desaturate by 10%, it is **3C8376**.

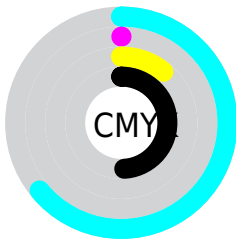
# Distribution



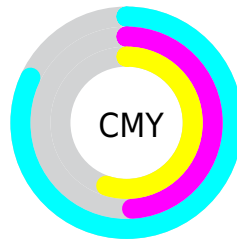
- Red (18%)
- Green (51%)
- Blue (45%)



- Red (18%)
- Yellow (36%)
- Blue (51%)



- Cyan (64%)
- Magenta (0%)
- Yellow (11%)
- Black (49%)



- Cyan (82%)
- Magenta (49%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F8374 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 2F8374 by changing the saturation by 10% instead.





2F8374



2F8374

FFFFFF



09695B



67B9A8



005144



82D4C3



00392E



9EF1DF



002419



BBFFFC



000000



D7FFFF



F5FFFF



2F8374



2F8374



228372



3C8376

■ 15836F

■ 498379

■ 08836D

■ 56837B

■ 00836C

■ 63837D

■ 718380

■ 7E8382

■ 8B8384

■ 988387

■ A58389

# Harmonies

## Analogous

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



51815C



2F8374



0A838D

# Triad

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



2F8374



7770A1



9B6C4D

# Complementary

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



2F8374



832F3E

# 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.



A56560



2F8374



946890

# Square

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



2F8374



5079A7



A36378



877444

# Rectangle

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



2F8374



14819A



A36378



9F6952



# Sweetspot

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



2F8374



8AABA5



3E832F



435753



D6D6D6



575757



# Same Dimension

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



2F8374



27AB93



2F6883



3C4241



00826B



000302



# Inverse Universe

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



832F3E



AB273F



834A2F



423C3D



820017



030000



# Previews

## White Background



This preview shows how the Hex color 2F8374 looks on a white 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

# 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 2F8374 Background



This preview shows how black text looks on a background with the Hex color 2F8374.

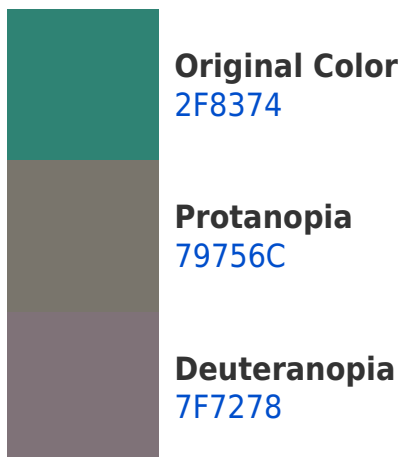


This preview shows how white text looks on a background with the Hex color 2F8374.

# 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**  
39808A

# Trichromacy



**Original Color**  
2F8374

**Protanomaly**  
5E7A6F

**Deuteranomaly**  
627877

**Tritanomaly**  
358182

# Monochromacy



**Original Color**  
2F8374

**Achromatopsia**  
686868

**Achromatomaly**  
53726C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F8374 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 #2F8374 looks like.

```
.text, #text, p{  
    color:#2F8374  
}
```

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 #2F8374 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F8374
}
```

## Border

The CSS property to change the border of an element to Hex 2F8374 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
#2F8374 }
```

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

```
.border{ border-color:#2F8374 }
```

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

Here you see how a box with a 4 pixel #2F8374 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F8374; -webkit-box-shadow:4px 4px  
4px 4px #2F8374; box-shadow:4px 4px 4px  
4px #2F8374 }
```

# Background

The CSS property to change the background color of an element to Hex 2F8374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F8374 }
```

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

```
.background{ background-color:#2F8374 }
```

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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