

# Converting Colors

Hex(2B8F74)

Have a look what the booklet for  
Hex(2B8F74) contains.

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**Color**

**Hex(2B8F74)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B8F74
RGB	43, 143, 116
RGB Percent	17%, 56%, 45%
CMY	0.8314, 0.4392, 0.5451
CMYK	0.70, 0.00, 0.19, 0.44
HSL	164°, 54%, 36%
HSV	164°, 70%, 56%
XYZ	13.9711, 21.4195, 19.9210
YIQ	110.0220, -50.9330, -29.5970

# Conversions

## Conversions Part 2

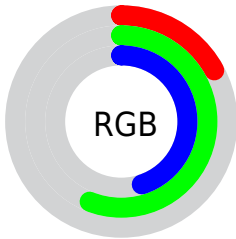
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 101, 143
Decimal	2854772
CIELab	53.41, -35.29, 6.13
CIElCh	53, 35.813, 170.152
Yxy	21.4195, 0.2526, 0.3873
Android (android.graphics.Color)	4281044852 (0xFF2B8F74)
YUV	110.0220, 2.9472, -58.7783
Hunter-Lab	46.2812, -27.1074, 6.8764

# Details

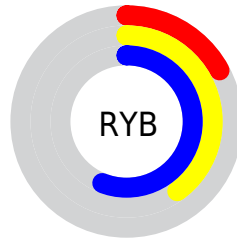
The Hex color **2B8F74** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8F2B46**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **66C5A8**, and **005C44** is the 20% darker color. If you saturate the color by 10%, you get **1D8F70**, and if you desaturate by 10%, it is **398F78**.

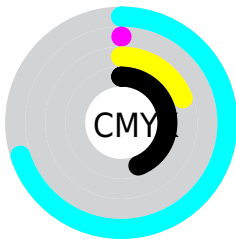
# Distribution



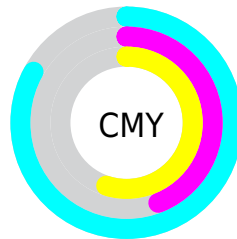
- Red (17%)
- Green (56%)
- Blue (45%)



- Red (17%)
- Yellow (40%)
- Blue (56%)



- Cyan (70%)
- Magenta (0%)
- Yellow (19%)
- Black (44%)



- Cyan (83%)
- Magenta (44%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B8F74 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 2B8F74 by changing the saturation by 10% instead.



 2B8F74

 2B8F74

FFFFFF

 00755B

 66C5A8

 005C44

 82E2C3

 00432E

 9EFFDF

 002D19

 BBFFFC

 001400

 D8FFFF

 000000

 F6FFFF

 2B8F74

 2B8F74

 1D8F70

 398F78

 0E8F6C

 488F7C

 008F68

 568F80

 648F83

 728F87

 818F8B

 8F8F8F

 9D8F93

 AC8F97

# Harmonies

## Analogous

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



5A8B57



2B8F74



009094

# Triad

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



2B8F74



737BB9



B16F51

# Complementary

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



2B8F74



8F2B46

# 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.



BB686C



2B8F74



9C70A7

# Square

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



2B8F74



3786BC



B4688B



9C7A42

# Rectangle

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



2B8F74



008EA6



B4688B



B66C59



# Sweetspot

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



2B8F74



93BAB0



478F2B



475E58



DEDEDE



5E5E5E



# Same Dimension

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



2B8F74



1EBA90



2B798F



404745



008763



000806



# Inverse Universe

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



8F2B46



BA1E48



8F412B



474042



870024



080002



# Previews

## White Background



This preview shows how the Hex color 2B8F74 looks on a white background.

## Color Contrast Check

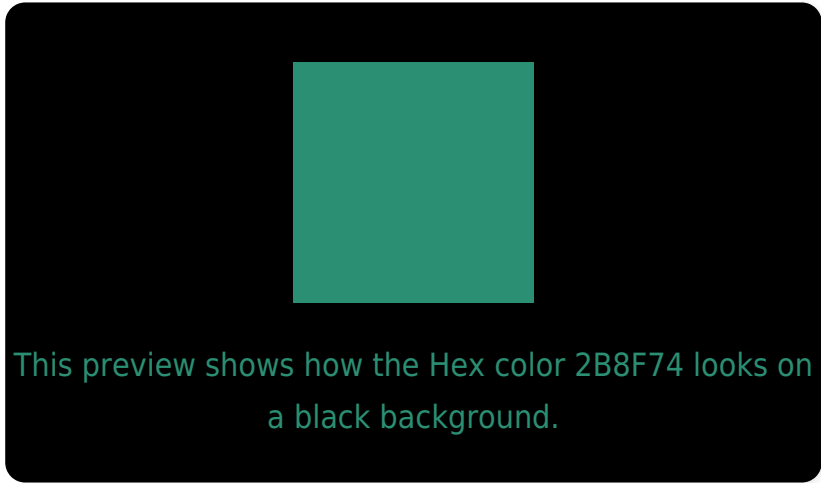
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B8F74 Background



This preview shows how black text looks on a background with the Hex color 2B8F74.

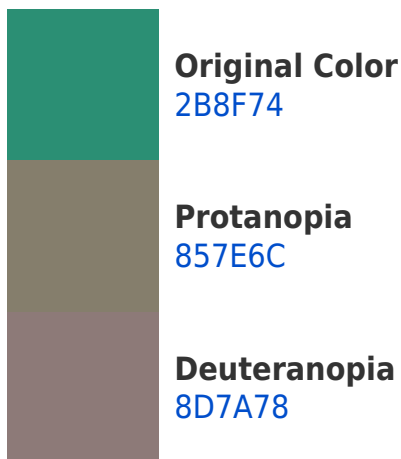


This preview shows how white text looks on a background with the Hex color 2B8F74.

# 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**  
3B8A96

# Trichromacy



**Original Color**  
2B8F74



**Protanomaly**  
64846F



**Deuteranomaly**  
698277



**Tritanomaly**  
358C8A

# Monochromacy



**Original Color**  
2B8F74



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
567A70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B8F74 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 #2B8F74 looks like.

```
.text, #text, p{  
    color:#2B8F74  
}
```

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 #2B8F74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B8F74
}
```

## Border

The CSS property to change the border of an element to Hex 2B8F74 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
#2B8F74 }
```

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

```
.border{ border-color:#2B8F74 }
```

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

Here you see how a box with a 4 pixel #2B8F74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B8F74; -webkit-box-shadow:4px 4px  
4px 4px #2B8F74; box-shadow:4px 4px 4px  
4px #2B8F74 }
```

# Background

The CSS property to change the background color of an element to Hex 2B8F74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B8F74 }
```

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

```
.background{ background-color:#2B8F74 }
```

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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