

Converting Colors

Hex(2E8F71)

Have a look what the booklet for
Hex(2E8F71) contains.

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Color

Hex(2E8F71)

Conversions

Conversions Part 1

Format	Color
Hex	2E8F71
RGB	46, 143, 113
RGB Percent	18%, 56%, 44%
CMY	0.8196, 0.4392, 0.5569
CMYK	0.68, 0.00, 0.21, 0.44
HSL	161°, 51%, 37%
HSV	161°, 68%, 56%
XYZ	13.9298, 21.4180, 19.0227
YIQ	110.5770, -48.1820, -29.8940

Conversions

Conversions Part 2

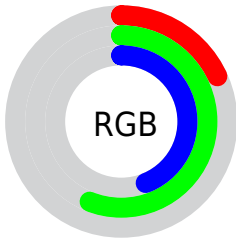
Format	Color
RYB	46, 103, 143
Decimal	3051377
CIELab	53.40, -35.54, 7.86
CIElCh	53, 36.397, 167.536
Yxy	21.4180, 0.2562, 0.3939
Android (android.graphics.Color)	4281241457 (0xFF2E8F71)
YUV	110.5770, 1.1945, -56.6340
Hunter-Lab	46.2796, -27.2622, 8.0253

Details

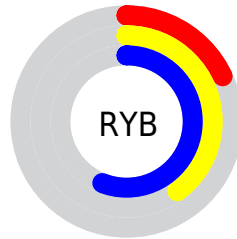
The Hex color **2E8F71** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8F2E4C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **68C5A5**, and **005C41** is the 20% darker color. If you saturate the color by 10%, you get **208F6D**, and if you desaturate by 10%, it is **3C8F75**.

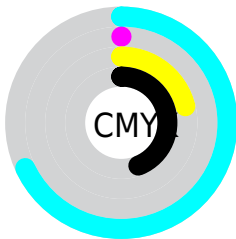
Distribution



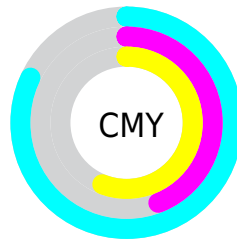
- Red (18%)
- Green (56%)
- Blue (44%)



- Red (18%)
- Yellow (40%)
- Blue (56%)



- Cyan (68%)
- Magenta (0%)
- Yellow (21%)
- Black (44%)



- Cyan (82%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E8F71 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 2E8F71 by changing the saturation by 10% instead.

 2E8F71

 2E8F71

FFFFFF

 017559

 68C5A5

 005C41

 84E2C0

 00432B

 A0FFDC

 002D16

 BDFFF8

 001400

 DAFFFF

 000000

 F7FFFF

 2E8F71

 2E8F71

 208F6D

 3C8F75

■ 118F68

■ 4B8F7A

■ 038F64

■ 598F7E

■ 008F63

■ 678F83

■ 758F87

■ 848F8C

■ 928F90

■ A08F94

■ AF8F99

Harmonies

Analogous

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



5D8B54



2E8F71



009091

Triad

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



2E8F71



6E7CBB



B36E53

Complementary

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



2E8F71



8F2E4C

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.



BC676E



2E8F71



9A70AA

Square

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



2E8F71



2D87BC



B4688E



9E7942

Rectangle

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



2E8F71



008EA5



B4688E



B86B5B

Sweetspot

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



2E8F71



95BAAF



4D8F2E



485E57



DEDEDE



5E5E5E

Same Dimension

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



2E8F71



23BA8C



2E7D8F



404745



00875D



000805

Inverse Universe

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



8F2E4C



BA2352



8F402E



474042



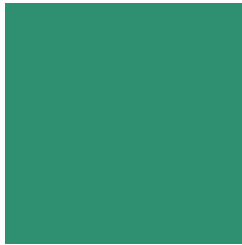
87002A



080002

Previews

White Background



This preview shows how the Hex color 2E8F71 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

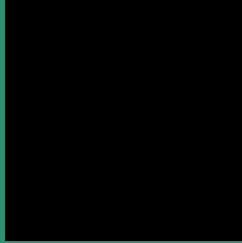
Any Text WCAG AA ✓ Pass

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 2E8F71 Background



This preview shows how black text looks on a background with the Hex color 2E8F71.

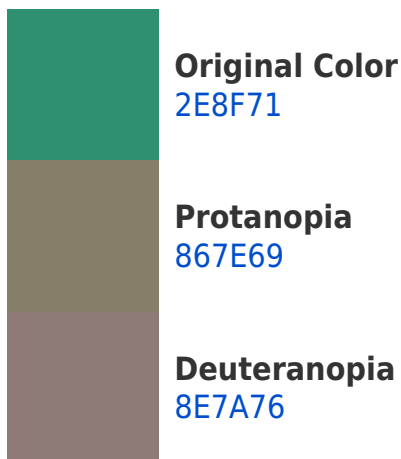


This preview shows how white text looks on a background with the Hex color 2E8F71.

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
3D8A95

Trichromacy



Original Color
2E8F71



Protanomaly
66846C



Deuteranomaly
6B8274



Tritanomaly
388C88

Monochromacy



Original Color
2E8F71



Achromatopsia
6F6F6F



Achromatomaly
577B70

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E8F71 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 #2E8F71 looks like.

```
.text, #text, p{  
    color:#2E8F71  
}
```

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 #2E8F71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E8F71
}
```

Border

The CSS property to change the border of an element to Hex 2E8F71 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
#2E8F71 }
```

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

```
.border{ border-color:#2E8F71 }
```

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

Here you see how a box with a 4 pixel #2E8F71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E8F71; -webkit-box-shadow:4px 4px  
4px 4px #2E8F71; box-shadow:4px 4px 4px  
4px #2E8F71 }
```

Background

The CSS property to change the background color of an element to Hex 2E8F71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E8F71 }
```

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

```
.background{ background-color:#2E8F71 }
```

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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