

Converting Colors

Hex(2E8F54)

Have a look what the booklet for
Hex(2E8F54) contains.

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Color

Hex(2E8F54)

Conversions

Conversions Part 1

Format	Color
Hex	2E8F54
RGB	46, 143, 84
RGB Percent	18%, 56%, 33%
CMY	0.8196, 0.4392, 0.6706
CMYK	0.68, 0.00, 0.41, 0.44
HSL	144°, 51%, 37%
HSV	144°, 68%, 56%
XYZ	12.5494, 20.8659, 11.7536
YIQ	107.2710, -38.8730, -38.9130

Conversions

Conversions Part 2

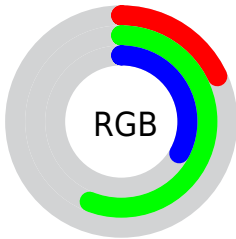
Format	Color
RYB	46, 116, 143
Decimal	3051348
CIELab	52.80, -41.96, 23.40
CIELCh	53, 48.040, 150.855
Yxy	20.8659, 0.2778, 0.4620
Android (android.graphics.Color)	4281241428 (0xFF2E8F54)
YUV	107.2710, -11.4726, -53.7347
Hunter-Lab	45.6792, -30.8993, 16.7196

Details

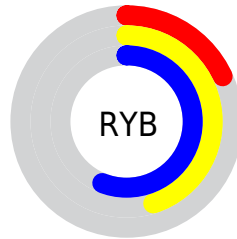
The Hex color **2E8F54** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8F2E69**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **68C686**, and **005B26** is the 20% darker color. If you saturate the color by 10%, you get **208F4B**, and if you desaturate by 10%, it is **3C8F5D**.

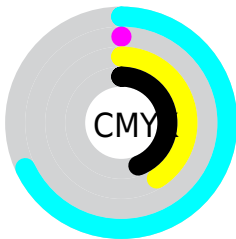
Distribution



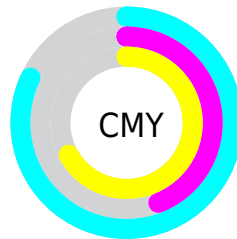
- Red (18%)
- Green (56%)
- Blue (33%)



- Red (18%)
- Yellow (45%)
- Blue (56%)



- Cyan (68%)
- Magenta (0%)
- Yellow (41%)
- Black (44%)



- Cyan (82%)
- Magenta (44%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E8F54 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 2E8F54 by changing the saturation by 10% instead.



2E8F54



2E8F54

FFFFFF



02753C



68C686



005B26



84E2A1



004310



A0FFBC



002C00



BCFFD8



001100



D9FFF4



000000



F7FFFF



2E8F54



2E8F54



208F4B



3C8F5D

■ 118F43

■ 4B8F65

■ 038F3A

■ 598F6E

■ 008F38

■ 678F77

■ 758F7F

■ 848F88

■ 928F91

■ A08F9A

■ AF8FA2

Harmonies

Analogous

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



6A8833



2E8F54



00927E

Triad

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



2E8F54



1D82D1



C75E56

Complementary

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



2E8F54



8F2E69

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.



C8597F



2E8F54



8173C5

Square

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



2E8F54



008DC6



B162A7



B46D35

Rectangle

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



2E8F54



00929A



B162A7



CA5B63

Sweetspot

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



2E8F54



95BAA4



6A8F2E



485E51



DEDEDE



5E5E5E

Same Dimension

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



2E8F54



23BA5E



2E8F84



404743



008735



000803

Inverse Universe

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



8F2E69



BA237F



8F2E39



474045



870052



080005

Previews

White Background



This preview shows how the Hex color 2E8F54 looks on a white background.

Color Contrast Check

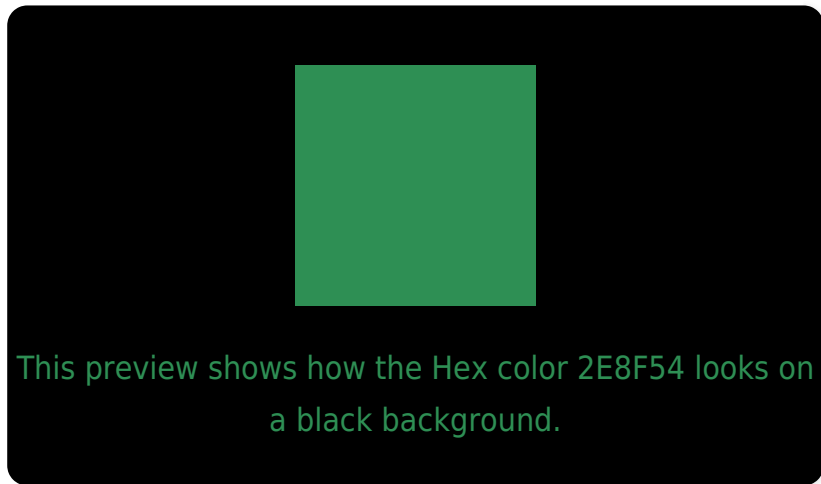
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E8F54 Background



This preview shows how black text looks on a background with the Hex color 2E8F54.

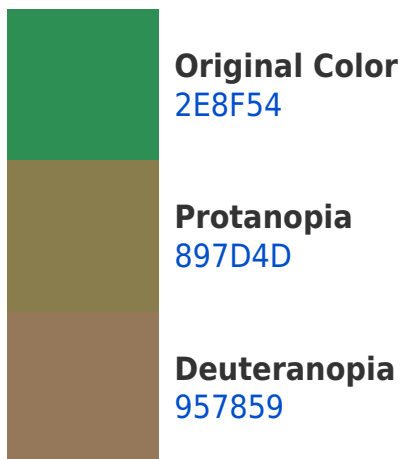


This preview shows how white text looks on a background with the Hex color 2E8F54.

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
448893

Trichromacy



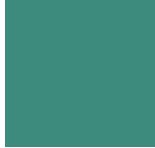
Original Color
2E8F54



Protanomaly
688450



Deuteranomaly
708057



Tritanomaly
3C8B7C

Monochromacy



Original Color
2E8F54



Achromatopsia
6B6B6B



Achromatomaly
557863

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E8F54 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 #2E8F54 looks like.

```
.text, #text, p{  
    color:#2E8F54  
}
```

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 #2E8F54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E8F54
}
```

Border

The CSS property to change the border of an element to Hex 2E8F54 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
#2E8F54 }
```

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

```
.border{ border-color:#2E8F54 }
```

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

Here you see how a box with a 4 pixel #2E8F54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E8F54; -webkit-box-shadow:4px 4px  
4px 4px #2E8F54; box-shadow:4px 4px 4px  
4px #2E8F54 }
```

Background

The CSS property to change the background color of an element to Hex 2E8F54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E8F54 }
```

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

```
.background{ background-color:#2E8F54 }
```

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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