

Converting Colors

Hex(2E7F4E)

Have a look what the booklet for
Hex(2E7F4E) contains.

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Color

Hex(2E7F4E)

Conversions

Conversions Part 1

Format	Color
Hex	2E7F4E
RGB	46, 127, 78
RGB Percent	18%, 50%, 31%
CMY	0.8196, 0.5020, 0.6941
CMYK	0.64, 0.00, 0.39, 0.50
HSL	144°, 47%, 34%
HSV	144°, 64%, 50%
XYZ	10.0912, 16.3096, 9.8239
YIQ	97.1950, -32.5470, -32.4110

Conversions

Conversions Part 2

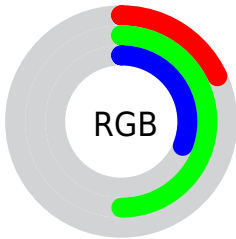
Format	Color
RYB	46, 104, 127
Decimal	3047246
CIELab	47.38, -36.42, 19.57
CIELCh	47, 41.348, 151.751
Yxy	16.3096, 0.2786, 0.4502
Android (android.graphics.Color)	4281237326 (0xFF2E7F4E)
YUV	97.1950, -9.4631, -44.8980
Hunter-Lab	40.3852, -26.0715, 13.8470

Details

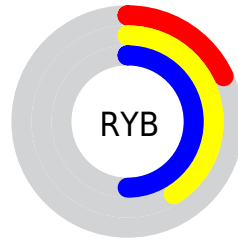
The Hex color **2E7F4E** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7F2E5F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **65B47F**, and **004D21** is the 20% darker color. If you saturate the color by 10%, you get **217F46**, and if you desaturate by 10%, it is **3B7F56**.

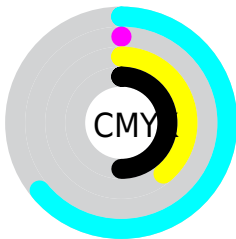
Distribution



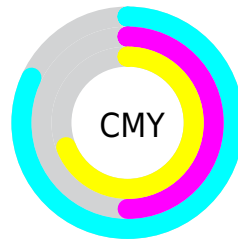
- Red (18%)
- Green (50%)
- Blue (31%)



- Red (18%)
- Yellow (41%)
- Blue (50%)



- Cyan (64%)
- Magenta (0%)
- Yellow (39%)
- Black (50%)



- Cyan (82%)
- Magenta (50%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E7F4E 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 2E7F4E by changing the saturation by 10% instead.

 2E7F4E

 2E7F4E

FFFFFF

 0B6537

 65B47F

 004D21

 80D09A

 00350B

 9BEDB5

 002100

 B7FFD0

 000000

 D4FFEC

 F1FFFF

 2E7F4E

 2E7F4E

 217F46

 3B7F56

■ 157F3F

■ 477F5D

■ 087F37

■ 547F65

■ 007F32

■ 617F6D

■ 6E7F74

■ 7A7F7C

■ 877F84

■ 947F8B

■ A07F93

Harmonies

Analogous

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



5F7932



2E7F4E



008271

Triad

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



2E7F4E



2E73B6



AF564E

Complementary

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



2E7F4E



7F2E5F

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.



AF5270



2E7F4E



7566AC

Square

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



2E7F4E



007CAD



9D5992



9E6233

Rectangle

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



2E7F4E



008289



9D5992



B15459

Sweetspot

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



2E7F4E



86A693



607F2E



415448



D4D4D4



545454

Same Dimension

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



2E7F4E



26A659



2E7F76



39403C



008032



000000

Inverse Universe

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



7F2E5F



A62673



7F2E37



40393D



80004D



000000

Previews

White Background



This preview shows how the Hex color 2E7F4E looks on a white background.

Color Contrast Check

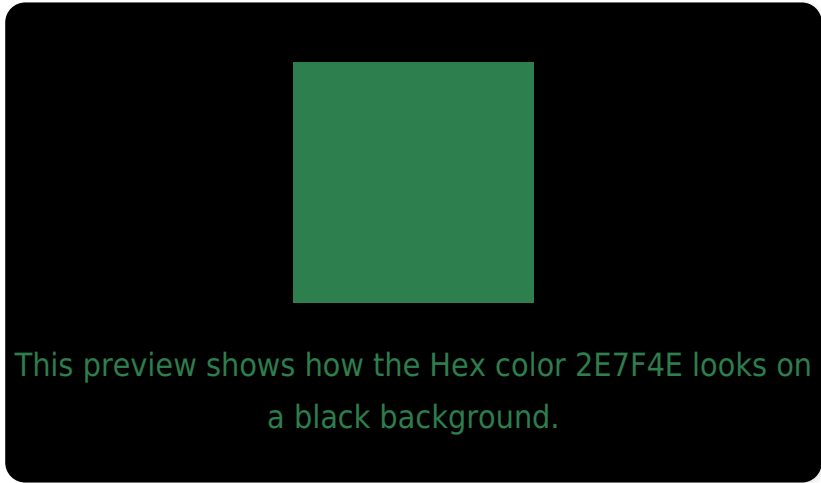
Large Text (above 18pt) WCAG AA ✓ Pass

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

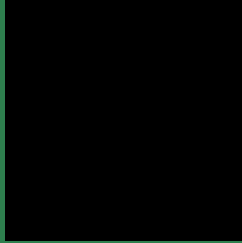
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 2E7F4E Background



This preview shows how black text looks on a background with the Hex color 2E7F4E.



This preview shows how white text looks on a background with the Hex color 2E7F4E.

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



Original Color
2E7F4E

Protanopia
7A7048

Deuteranopia
846B53



Tritanopia
3F7982

Trichromacy



Original Color
2E7F4E

Protanomaly
5E754A

Deuteranomaly
657251

Tritanomaly
397B6F

Monochromacy



Original Color
2E7F4E

Achromatopsia
616161

Achromatomaly
4E6C5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E7F4E 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 #2E7F4E looks like.

```
.text, #text, p{  
    color:#2E7F4E  
}
```

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 #2E7F4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E7F4E
}
```

Border

The CSS property to change the border of an element to Hex 2E7F4E 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".

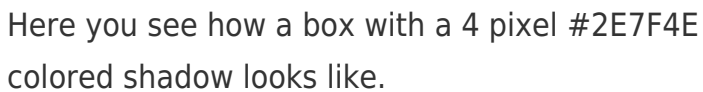
```
.border, #border, table{ border:4px solid
#2E7F4E }
```

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

```
.border{ border-color:#2E7F4E }
```

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

Here you see how a box with a 4 pixel #2E7F4E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E7F4E; -webkit-box-shadow:4px 4px  
4px 4px #2E7F4E; box-shadow:4px 4px 4px  
4px #2E7F4E }
```

Background

The CSS property to change the background color of an element to Hex 2E7F4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E7F4E }
```

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

```
.background{ background-color:#2E7F4E }
```

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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