

# Converting Colors

Hex(2E6F4F)

Have a look what the booklet for  
Hex(2E6F4F) contains.

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# Color

**Hex(2E6F4F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E6F4F
RGB	46, 111, 79
RGB Percent	18%, 44%, 31%
CMY	0.8196, 0.5647, 0.6902
CMYK	0.59, 0.00, 0.29, 0.56
HSL	150°, 41%, 31%
HSV	150°, 59%, 44%
XYZ	8.2224, 12.5142, 9.3793
YIQ	87.9170, -28.4680, -23.7320

# Conversions

## Conversions Part 2

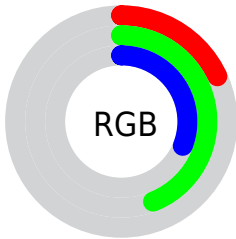
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 89, 111
Decimal	3043151
CIE <sub>Lab</sub>	42.02, -28.96, 11.71
CIE <sub>LCh</sub>	42, 31.238, 157.984
Yxy	12.5142, 0.2730, 0.4155
Android (android.graphics.Color)	4281233231 (0xFF2E6F4F)
YUV	87.9170, -4.3961, -36.7612
Hunter-Lab	35.3755, -20.4177, 9.0430

# Details

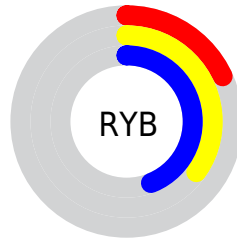
The Hex color **2E6F4F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6F2E4E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **62A380**, and **003E22** is the 20% darker color. If you saturate the color by 10%, you get **236F4A**, and if you desaturate by 10%, it is **396F54**.

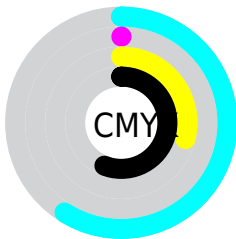
# Distribution



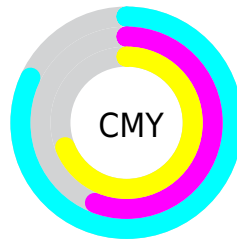
- Red (18%)
- Green (44%)
- Blue (31%)



- Red (18%)
- Yellow (35%)
- Blue (44%)



- Cyan (59%)
- Magenta (0%)
- Yellow (29%)
- Black (56%)



- Cyan (82%)
- Magenta (56%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E6F4F 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 2E6F4F by changing the saturation by 10% instead.





2E6F4F



2E6F4F

FFFFFF



115638



62A380



003E22



7CBF9A



00280D



97DBB5



000D00



B3F7D1



000000



CFFFD



ECFFFF



2E6F4F



2E6F4F



236F4A



396F54

■ 186F44

■ 446F5A

■ 0D6F3F

■ 4F6F5F

■ 026F39

■ 5A6F65

■ 006F38

■ 666F6A

■ 716F70

■ 7C6F75

■ 876F7B

■ 926F80

# Harmonies

## Analogous

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



516B39



2E6F4F



007169

# Triad

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



2E6F4F



466396



915245

# Complementary

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



2E6F4F



6F2E4E

# 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.



944E5D



2E6F4F



6F5A8C

# Square

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



2E6F4F



006B92



895177



835B34

# Rectangle

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



2E6F4F



00707A



895177



93504C



# Sweetspot

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



2E6F4F



779184



4F6F2E



3A4A42



C9C9C9



4A4A4A



# Same Dimension

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



2E6F4F



2C915F



2E6F6F



323835



00783D



00F77E



# Inverse Universe

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



6F2E4E



912C5E



6F2E2E



383235



78003B



F7007A



# Previews

## White Background



This preview shows how the Hex color 2E6F4F looks on a white background.

## Color Contrast Check

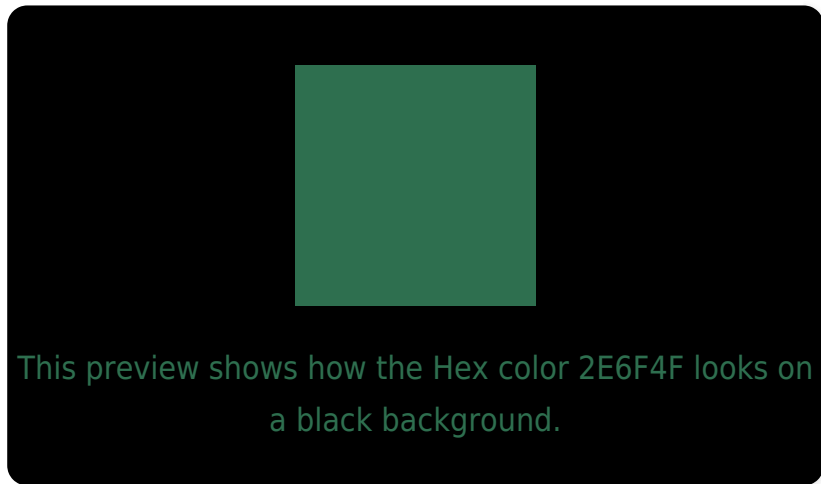
Large Text (above 18pt) WCAG AA ✓ Pass

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

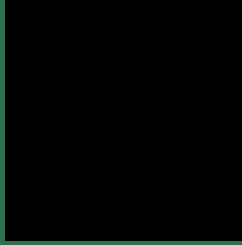
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2E6F4F Background



This preview shows how black text looks on a background with the Hex color 2E6F4F.



This preview shows how white text looks on a background with the Hex color 2E6F4F.

# 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**  
2E6F4F

**Protanopia**  
6A6349

**Deuteranopia**  
725F53



**Tritanopia**  
396A73

# Trichromacy



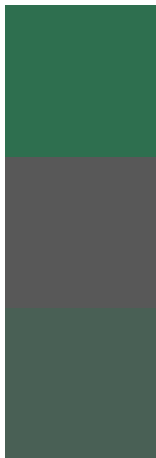
**Original Color**  
2E6F4F

**Protanomaly**  
54674B

**Deuteranomaly**  
596552

**Tritanomaly**  
356C66

# Monochromacy



**Original Color**  
2E6F4F

**Achromatopsia**  
585858

**Achromatomaly**  
496055

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E6F4F 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 #2E6F4F looks like.

```
.text, #text, p{  
    color:#2E6F4F  
}
```

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 #2E6F4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6F4F
}
```

## Border

The CSS property to change the border of an element to Hex 2E6F4F 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
#2E6F4F }
```

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

```
.border{ border-color:#2E6F4F }
```

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

Here you see how a box with a 4 pixel #2E6F4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6F4F; -webkit-box-shadow:4px 4px  
4px 4px #2E6F4F; box-shadow:4px 4px 4px  
4px #2E6F4F }
```

# Background

The CSS property to change the background color of an element to Hex 2E6F4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6F4F }
```

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

```
.background{ background-color:#2E6F4F }
```

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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