

Converting Colors

Hex(2E4A2F)

Have a look what the booklet for
Hex(2E4A2F) contains.

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Color

Hex(2E4A2F)

Conversions

Conversions Part 1

Format	Color
Hex	2E4A2F
RGB	46, 74, 47
RGB Percent	18%, 29%, 18%
CMY	0.8196, 0.7098, 0.8157
CMYK	0.38, 0.00, 0.36, 0.71
HSL	122°, 23%, 24%
HSV	122°, 38%, 29%
XYZ	4.0886, 5.6836, 3.5709
YIQ	62.5500, -8.0210, -14.3330

Conversions

Conversions Part 2

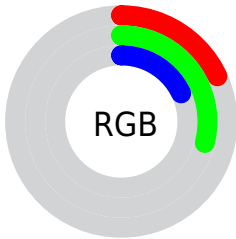
Format	Color
R_{YB}	46, 73, 74
Decimal	3033647
CIE _{Lab}	28.60, -17.05, 12.88
CIE _{LCh}	29, 21.366, 142.933
Yxy	5.6836, 0.3064, 0.4260
Android (android.graphics.Color)	4281223727 (0xFF2E4A2F)
YUV	62.5500, -7.6661, -14.5143
Hunter-Lab	23.8404, -11.1082, 7.8076

Details

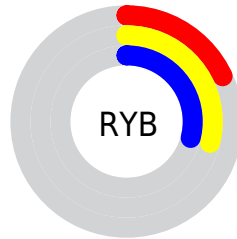
The Hex color **2E4A2F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4A2E49**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5D7B5D**, and **021E00** is the 20% darker color. If you saturate the color by 10%, you get **274A28**, and if you desaturate by 10%, it is **354A36**.

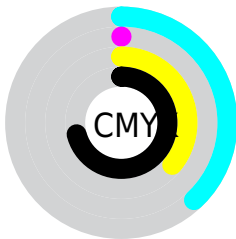
Distribution



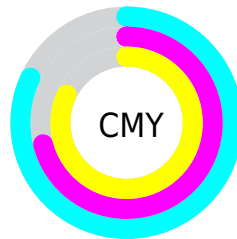
- Red (18%)
- Green (29%)
- Blue (18%)



- Red (18%)
- Yellow (29%)
- Blue (29%)



- Cyan (38%)
- Magenta (0%)
- Yellow (36%)
- Black (71%)



- Cyan (82%)
- Magenta (71%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4A2F 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 2E4A2F by changing the saturation by 10% instead.



2E4A2F



2E4A2F

FFFFFF



18331A



5D7B5D



021E00



769576



000000



90B090



ABCBA



C6E7C5



E2FFE1

FFFFFFE



2E4A2F



2E4A2F

■ 274A28

■ 354A36

■ 1F4A21

■ 3D4A3D

■ 184A1A

■ 444A44

■ 104A12

■ 4C4A4C

■ 094A0B

■ 534A53

■ 024A04

■ 5A4A5A

■ 004A03

■ 624A61

■ 694A68

■ 714A6F

Harmonies

Analogous

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



414624



2E4A2F



164C3F

Triad

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



2E4A2F



234664



633737

Complementary

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



2E4A2F



4A2E49

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.



603748



2E4A2F



3F4162

Square

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



2E4A2F



004A5D



543B57



5E3B2A

Rectangle

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



2E4A2F



004C4A



543B57



63363D

Sweetspot

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



2E4A2F



566157



494A2E



2A302A



B0B0B0



303030

Same Dimension

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



2E4A2F



356137



2E4A3D



222623



006604



00E608

Inverse Universe

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



4A2E49



61355F



4A2E3B



262226



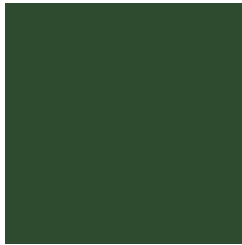
660062



E600DD

Previews

White Background



This preview shows how the Hex color 2E4A2F looks on a white background.

Color Contrast Check

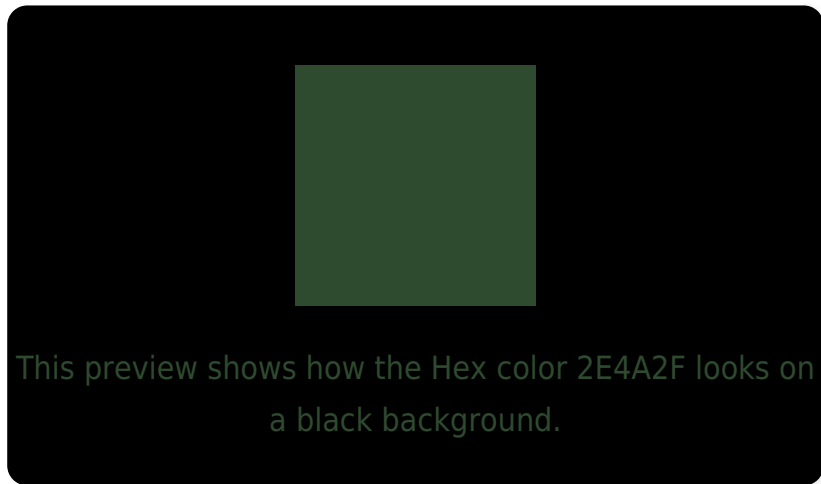
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

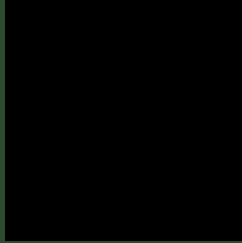
Any Text WCAG AA × Fail

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 2E4A2F Background



This preview shows how black text looks on a background with the Hex color 2E4A2F.



This preview shows how white text looks on a background with the Hex color 2E4A2F.

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](#).

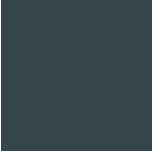
Dichromacy



Original Color
2E4A2F

Protanopia
49432C

Deuteranopia
504031



Tritanopia
34464C

Trichromacy



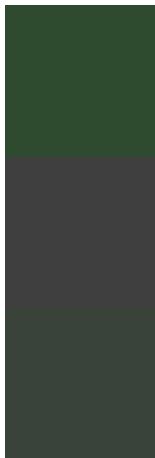
Original Color
2E4A2F

Protanomaly
3F462D

Deuteranomaly
444430

Tritanomaly
324741

Monochromacy



Original Color
2E4A2F

Achromatopsia
3F3F3F

Achromatomaly
394339

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4A2F 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 #2E4A2F looks like.

```
.text, #text, p{  
    color:#2E4A2F  
}
```

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 #2E4A2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4A2F
}
```

Border

The CSS property to change the border of an element to Hex 2E4A2F 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
#2E4A2F }
```

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

```
.border{ border-color:#2E4A2F }
```

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

Here you see how a box with a 4 pixel #2E4A2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4A2F; -webkit-box-shadow:4px 4px  
4px 4px #2E4A2F; box-shadow:4px 4px 4px  
4px #2E4A2F }
```

Background

The CSS property to change the background color of an element to Hex 2E4A2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4A2F }
```

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

```
.background{ background-color:#2E4A2F }
```

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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