

Converting Colors

Hex(2E4836)

Have a look what the booklet for
Hex(2E4836) contains.

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Color

Hex(2E4836)

Conversions

Conversions Part 1

Format	Color
Hex	2E4836
RGB	46, 72, 54
RGB Percent	18%, 28%, 21%
CMY	0.8196, 0.7176, 0.7882
CMYK	0.36, 0.00, 0.25, 0.72
HSL	138°, 22%, 23%
HSV	138°, 36%, 28%
XYZ	4.1099, 5.4819, 4.3315
YIQ	62.1740, -9.7180, -11.1100

Conversions

Conversions Part 2

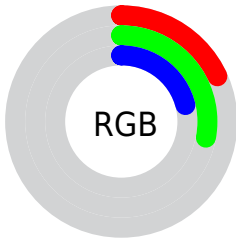
Format	Color
R_{YB}	46, 66, 72
Decimal	3033142
CIE _{Lab}	28.07, -14.44, 7.70
CIE _{LCh}	28, 16.367, 151.931
Yxy	5.4819, 0.2952, 0.3937
Android (android.graphics.Color)	4281223222 (0xFF2E4836)
YUV	62.1740, -4.0298, -14.1846
Hunter-Lab	23.4135, -9.6402, 5.4207

Details

The Hex color **2E4836** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **482E40**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **5D7965**, and **011D0A** is the 20% darker color. If you saturate the color by 10%, you get **274831**, and if you desaturate by 10%, it is **35483B**.

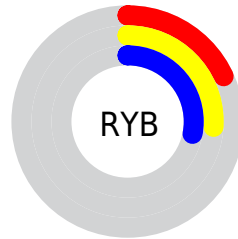
Distribution



Red (18%)

Green (28%)

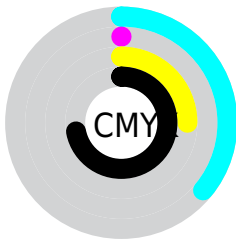
Blue (21%)



Red (18%)

Yellow (26%)

Blue (28%)

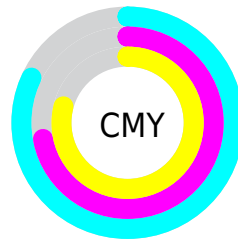


Cyan (36%)

Magenta (0%)

Yellow (25%)

Black (72%)



Cyan (82%)

Magenta (72%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4836 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 2E4836 by changing the saturation by 10% instead.



2E4836



2E4836

FFFFFF



183121



5D7965



011D0A



76927E



000000



90AD98



AAC8B2



C6E5CE



E2FFEA



FEFFFF



2E4836



2E4836

■ 274831

■ 35483B

■ 20482C

■ 3C4840

■ 184827

■ 444845

■ 114822

■ 4B484A

■ 0A481D

■ 52484F

■ 034818

■ 594854

■ 004816

■ 604859

■ 68485E

■ 6F4863

Harmonies

Analogous

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



3D452D



2E4836



204943

Triad

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



2E4836



33435B



5B3A36

Complementary

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



2E4836



482E40

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.



5A3942



2E4836



453F58

Square

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



2E4836



204758



533B4E



553D2C

Rectangle

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



2E4836



19494B



533B4E



5B3939

Sweetspot

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



2E4836



545E57



40482E



2A302C



B0B0B0



303030

Same Dimension

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



2E4836



365E42



2E4843



202421



00631F



00E346

Inverse Universe

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



482E40



5E3652



482E33



242023



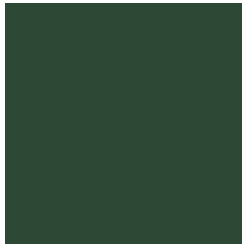
630045



E3009D

Previews

White Background



This preview shows how the Hex color 2E4836 looks on a white background.

Color Contrast Check

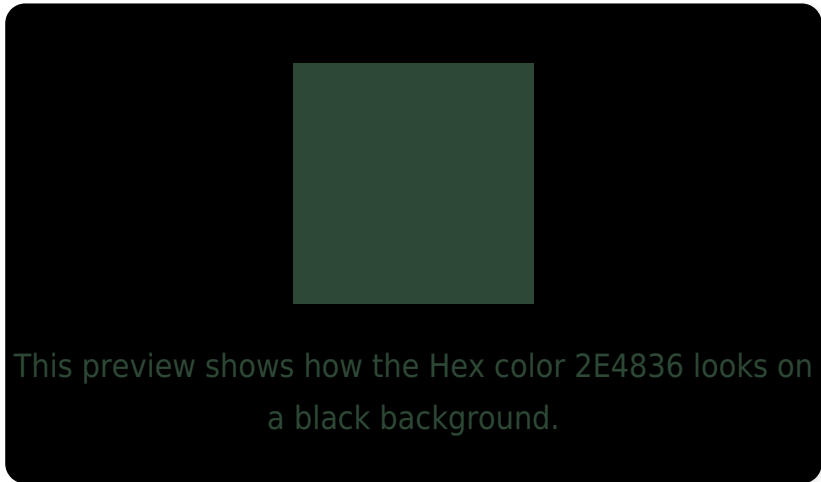
Large Text (above 18pt) WCAG AA ✓ Pass

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

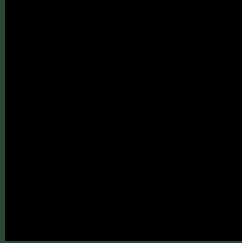
Any Text WCAG AA × Fail

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 2E4836 Background



This preview shows how black text looks on a background with the Hex color 2E4836.



This preview shows how white text looks on a background with the Hex color 2E4836.

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
2E4836

Protanopia
464233

Deuteranopia
4C4038



Tritanopia
32454B

Trichromacy



Original Color
2E4836

Protanomaly
3D4434

Deuteranomaly
414337

Tritanomaly
314643

Monochromacy



Original Color
2E4836

Achromatopsia
3E3E3E

Achromatomaly
38423B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4836 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 #2E4836 looks like.

```
.text, #text, p{  
    color:#2E4836  
}
```

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 #2E4836 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4836
}
```

Border

The CSS property to change the border of an element to Hex 2E4836 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".

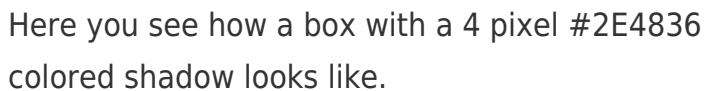
```
.border, #border, table{ border:4px solid
#2E4836 }
```

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

```
.border{ border-color:#2E4836 }
```

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

Here you see how a box with a 4 pixel #2E4836 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4836; -webkit-box-shadow:4px 4px  
4px 4px #2E4836; box-shadow:4px 4px 4px  
4px #2E4836 }
```

Background

The CSS property to change the background color of an element to Hex 2E4836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4836 }
```

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

```
.background{ background-color:#2E4836 }
```

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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