

Converting Colors

Hex(2E4826)

Have a look what the booklet for
Hex(2E4826) contains.

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Color

Hex(2E4826)

Conversions

Conversions Part 1

Format	Color
Hex	2E4826
RGB	46, 72, 38
RGB Percent	18%, 28%, 15%
CMY	0.8196, 0.7176, 0.8510
CMYK	0.36, 0.00, 0.47, 0.72
HSL	106°, 31%, 22%
HSV	106°, 47%, 28%
XYZ	3.7939, 5.3555, 2.6675
YIQ	60.3500, -4.5820, -16.0860

Conversions

Conversions Part 2

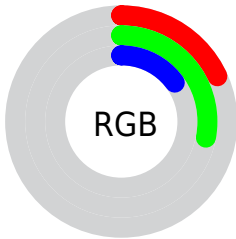
Format	Color
R_{YB}	38, 72, 64
Decimal	3033126
CIE _{Lab}	27.72, -17.59, 17.30
CIE _{LCh}	28, 24.672, 135.475
Yxy	5.3555, 0.3211, 0.4532
Android (android.graphics.Color)	4281223206 (0xFF2E4826)
YUV	60.3500, -11.0185, -12.5849
Hunter-Lab	23.1420, -11.2349, 9.3653

Details

The Hex color **2E4826** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **402648**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5D7953**, and **001D00** is the 20% darker color. If you saturate the color by 10%, you get **28481F**, and if you desaturate by 10%, it is **34482D**.

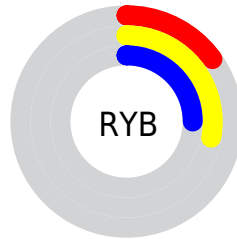
Distribution



Red (18%)

Green (28%)

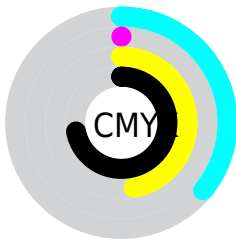
Blue (15%)



Red (15%)

Yellow (28%)

Blue (25%)

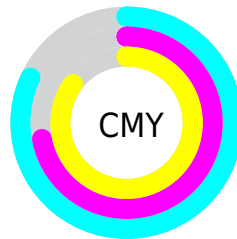


Cyan (36%)

Magenta (0%)

Yellow (47%)

Black (72%)



Cyan (82%)

Magenta (72%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4826 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 2E4826 by changing the saturation by 10% instead.

 2E4826

 2E4826

FFFFFF

 183111

 5D7953

 001D00

 76936C

 000000

 90AD85

 ABC99F

 C6E5BB

 E3FFD6

 FFFFF3

 2E4826

 2E4826

■ 28481F

■ 34482D

■ 234818

■ 394834

■ 1D4810

■ 3F483C

■ 184809

■ 444843

■ 124802

■ 4A484A

■ 114800

■ 4F4851

■ 554858

■ 5A4860

■ 604867

Harmonies

Analogous

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



43431C



2E4826



104B37

Triad

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



2E4826



024666



653238

Complementary

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



2E4826



402648

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.



60334B



2E4826



344066

Square

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



2E4826



004A5C



50395C



613627

Rectangle

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



2E4826



004B44



50395C



65323F

Sweetspot

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



2E4826



545E51



483F26



2A3028



B0B0B0



303030

Same Dimension

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



2E4826



355E29



26482F



212420



176300



35E300

Inverse Universe

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



402648



52295E



48263F



232024



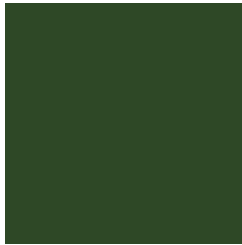
4C0063



AE00E3

Previews

White Background



This preview shows how the Hex color 2E4826 looks on a white background.

Color Contrast Check

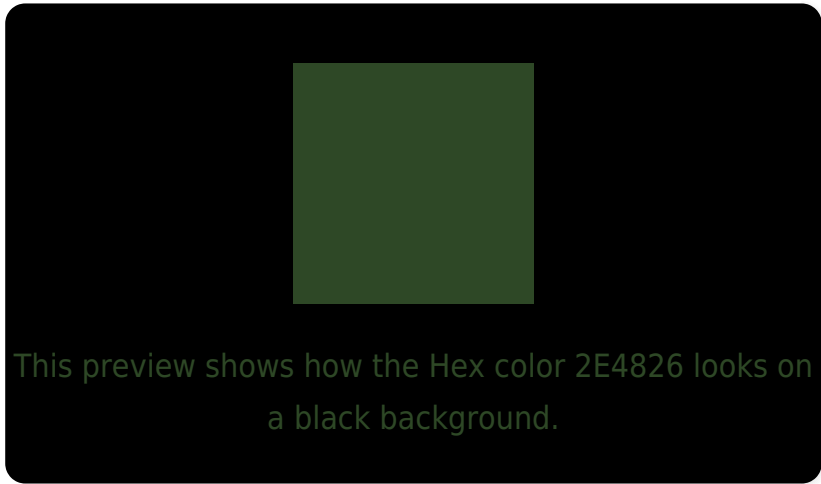
Large Text (above 18pt) WCAG AA ✓ Pass

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

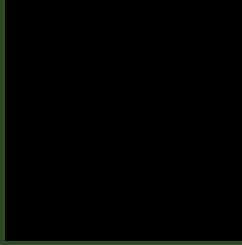
Any Text WCAG AA × Fail

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 2E4826 Background



This preview shows how black text looks on a background with the Hex color 2E4826.



This preview shows how white text looks on a background with the Hex color 2E4826.

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](#).

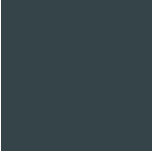
Dichromacy



Original Color
2E4826

Protanopia
484124

Deuteranopia
4F3E28



Tritanopia
344449

Trichromacy



Original Color
2E4826

Protanomaly
3F4425

Deuteranomaly
434227

Tritanomaly
32453C

Monochromacy



Original Color
2E4826

Achromatopsia
3C3C3C

Achromatomaly
374034

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4826 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 #2E4826 looks like.

```
.text, #text, p{  
    color:#2E4826  
}
```

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 #2E4826 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4826
}
```

Border

The CSS property to change the border of an element to Hex 2E4826 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".

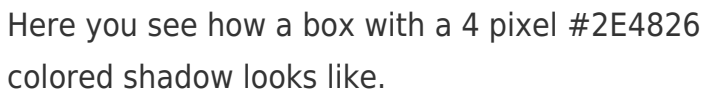
```
.border, #border, table{ border:4px solid
#2E4826 }
```

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

```
.border{ border-color:#2E4826 }
```

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

Here you see how a box with a 4 pixel #2E4826 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4826; -webkit-box-shadow:4px 4px  
4px 4px #2E4826; box-shadow:4px 4px 4px  
4px #2E4826 }
```

Background

The CSS property to change the background color of an element to Hex 2E4826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4826 }
```

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

```
.background{ background-color:#2E4826 }
```

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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