

Converting Colors

Hex(2E4D26)

Have a look what the booklet for
Hex(2E4D26) contains.

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Color

Hex(2E4D26)

Conversions

Conversions Part 1

Format	Color
Hex	2E4D26
RGB	46, 77, 38
RGB Percent	18%, 30%, 15%
CMY	0.8196, 0.6980, 0.8510
CMYK	0.40, 0.00, 0.51, 0.70
HSL	108°, 34%, 23%
HSV	108°, 51%, 30%
XYZ	4.1304, 6.0285, 2.7796
YIQ	63.2850, -5.9570, -18.7010

Conversions

Conversions Part 2

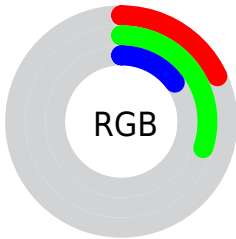
Format	Color
RYB	38, 77, 69
Decimal	3034406
CIELab	29.48, -20.27, 19.53
CIELCh	29, 28.145, 136.056
Yxy	6.0285, 0.3192, 0.4659
Android (android.graphics.Color)	4281224486 (0xFF2E4D26)
YUV	63.2850, -12.4655, -15.1589
Hunter-Lab	24.5531, -12.9397, 10.4749

Details

The Hex color **2E4D26** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **45264D**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5E7E54**, and **002100** is the 20% darker color. If you saturate the color by 10%, you get **284D1E**, and if you desaturate by 10%, it is **344D2E**.

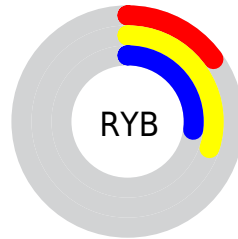
Distribution



Red (18%)

Green (30%)

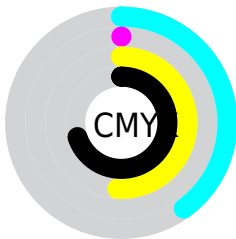
Blue (15%)



Red (15%)

Yellow (30%)

Blue (27%)

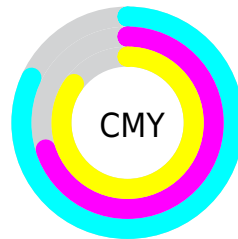


Cyan (40%)

Magenta (0%)

Yellow (51%)

Black (70%)



Cyan (82%)

Magenta (70%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4D26 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 2E4D26 by changing the saturation by 10% instead.

 2E4D26

 2E4D26

FFFFFF

 173611

 5E7E54

 002100

 77986C

 000000

 91B386

 ACCFA0

 C7EBBB

 E4FFD7

 FFFFF3

 2E4D26

 2E4D26

■ 284D1E

■ 344D2E

■ 224D17

■ 3A4D35

■ 1C4D0F

■ 404D3D

■ 164D07

■ 464D45

■ 104D00

■ 4D4D4D

■ 534D54

■ 594D5C

■ 5F4D64

■ 654D6B

Harmonies

Analogous

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



47481A



2E4D26



03503A

Triad

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



2E4D26



004B70



6E333B

Complementary

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



2E4D26



45264D

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.



693451



2E4D26



36446F

Square

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



2E4D26



004F64



563B64



693927

Rectangle

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



2E4D26



005049



563B64



6E3342

Sweetspot

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



2E4D26



586355



4D4526



2C332A



B3B3B3



333333

Same Dimension

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



2E4D26



336327



264D31



232622



156600



2FE600

Inverse Universe

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



45264D



572763



4D2642



252226



510066



B600E6

Previews

White Background



This preview shows how the Hex color 2E4D26 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

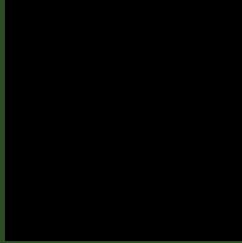
Any Text WCAG AA × Fail

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 2E4D26 Background



This preview shows how black text looks on a background with the Hex color 2E4D26.



This preview shows how white text looks on a background with the Hex color 2E4D26.

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](#).

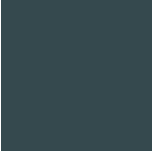
Dichromacy



Original Color
2E4D26

Protanopia
4D4523

Deuteranopia
544229



Tritanopia
35494E

Trichromacy



Original Color
2E4D26

Protanomaly
424824

Deuteranomaly
464628

Tritanomaly
324A3F

Monochromacy



Original Color
2E4D26

Achromatopsia
3F3F3F

Achromatomaly
394436

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4D26 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 #2E4D26 looks like.

```
.text, #text, p{  
    color:#2E4D26  
}
```

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 #2E4D26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4D26
}
```

Border

The CSS property to change the border of an element to Hex 2E4D26 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
#2E4D26 }
```

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

```
.border{ border-color:#2E4D26 }
```

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

Here you see how a box with a 4 pixel #2E4D26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4D26; -webkit-box-shadow:4px 4px  
4px 4px #2E4D26; box-shadow:4px 4px 4px  
4px #2E4D26 }
```

Background

The CSS property to change the background color of an element to Hex 2E4D26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4D26 }
```

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

```
.background{ background-color:#2E4D26 }
```

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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