

Converting Colors

Hex(2E4331)

Have a look what the booklet for
Hex(2E4331) contains.

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Color

Hex(2E4331)

Conversions

Conversions Part 1

Format	Color
Hex	2E4331
RGB	46, 67, 49
RGB Percent	18%, 26%, 19%
CMY	0.8196, 0.7373, 0.8078
CMYK	0.31, 0.00, 0.27, 0.74
HSL	129°, 19%, 22%
HSV	129°, 31%, 26%
XYZ	3.6882, 4.8169, 3.6411
YIQ	58.6690, -6.7380, -10.0500

Conversions

Conversions Part 2

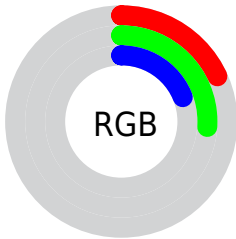
Format	Color
RYB	46, 64, 67
Decimal	3031857
CIELab	26.21, -12.65, 8.34
CIElCh	26, 15.148, 146.615
Yxy	4.8169, 0.3037, 0.3966
Android (android.graphics.Color)	4281221937 (0xFF2E4331)
YUV	58.6690, -4.7668, -11.1107
Hunter-Lab	21.9474, -8.4113, 5.5270

Details

The Hex color **2E4331** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **432E40**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5C735F**, and **001902** is the 20% darker color. If you saturate the color by 10%, you get **27432B**, and if you desaturate by 10%, it is **354337**.

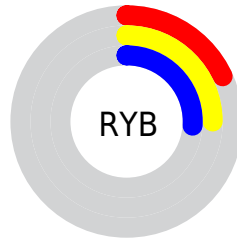
Distribution



Red (18%)

Green (26%)

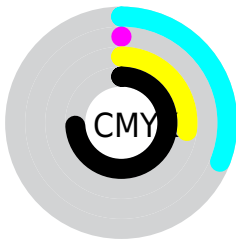
Blue (19%)



Red (18%)

Yellow (25%)

Blue (26%)

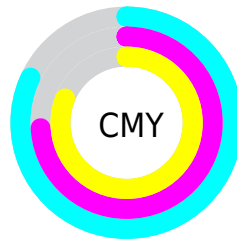


Cyan (31%)

Magenta (0%)

Yellow (27%)

Black (74%)



Cyan (82%)

Magenta (74%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4331 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 2E4331 by changing the saturation by 10% instead.



2E4331



2E4331

FFFFFF



192D1C



5C735F



001902



758D78



000000



8FA792



AAC2AC



C5DEC8



E1FBE4

FEFFFF



2E4331



2E4331

■ 27432B

■ 354337

■ 214326

■ 3B433C

■ 1A4320

■ 424342

■ 13431A

■ 494348

■ 0D4314

■ 50434E

■ 06430F

■ 564353

■ 00430A

■ 5D4359

■ 64435F

■ 6A4365

Harmonies

Analogous

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



3B4029



2E4331



21443C

Triad

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



2E4331



2D3F55



553634

Complementary

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



2E4331



432E40

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.



533640



2E4331



3E3C53

Square

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



2E4331



1D4351



4B384B



50392B

Rectangle

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



2E4331



1A4444



4B384B



553638

Sweetspot

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



2E4331



4F5750



40432E



272B27



ABABAB



2B2B2B

Same Dimension

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



2E4331



36573A



2E433B



1E211E



00610E



00E020

Inverse Universe

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



432E40



573652



432E36



211E21



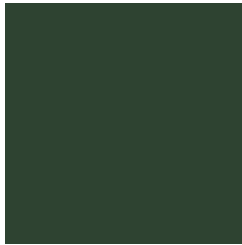
610053



E000C0

Previews

White Background



This preview shows how the Hex color 2E4331 looks on a white background.

Color Contrast Check

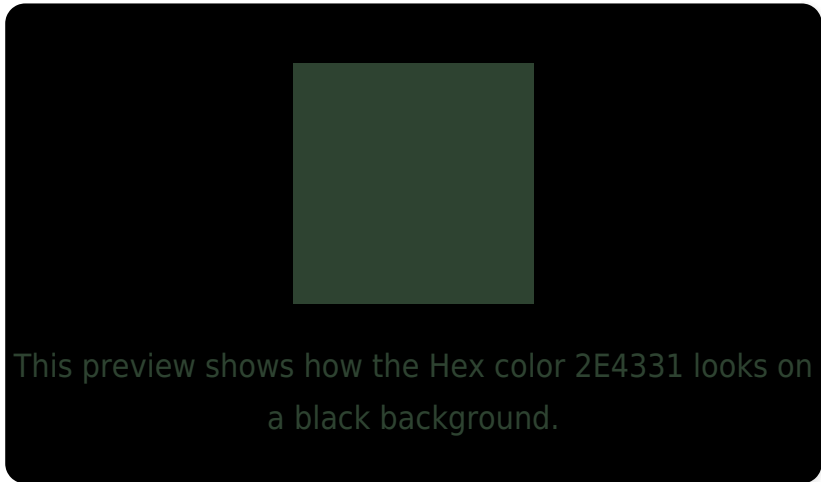
Large Text (above 18pt) WCAG AA ✓ Pass

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

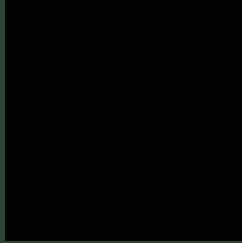
Any Text WCAG AA × Fail

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 2E4331 Background



This preview shows how black text looks on a background with the Hex color 2E4331.



This preview shows how white text looks on a background with the Hex color 2E4331.

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
2E4331

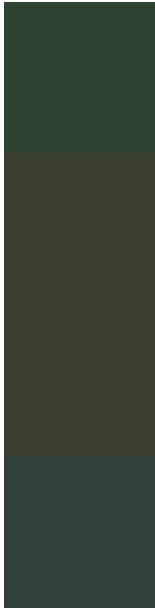
Protanopia
423E2F

Deuteranopia
483B33



Tritanopia
324045

Trichromacy



Original Color
2E4331

Protanomaly
3B4030

Deuteranomaly
3F3E32

Tritanomaly
31413E

Monochromacy



Original Color
2E4331

Achromatopsia
3B3B3B

Achromatomaly
363E37

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4331 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 #2E4331 looks like.

```
.text, #text, p{  
    color:#2E4331  
}
```

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 #2E4331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4331
}
```

Border

The CSS property to change the border of an element to Hex 2E4331 is called "border". The border property can be set on classes, ids or directly on the HTML element.

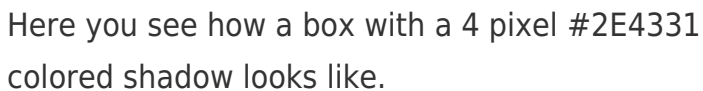
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E4331 }
```

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

```
.border{ border-color:#2E4331 }
```

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



Here you see how a box with a 4 pixel #2E4331 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4331; -webkit-box-shadow:4px 4px  
4px 4px #2E4331; box-shadow:4px 4px 4px  
4px #2E4331 }
```

Background

The CSS property to change the background color of an element to Hex 2E4331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4331 }
```

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

```
.background{ background-color:#2E4331 }
```

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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