

Converting Colors

Hex(2E4531)

Have a look what the booklet for
Hex(2E4531) contains.

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Color

Hex(2E4531)

Conversions

Conversions Part 1

Format	Color
Hex	2E4531
RGB	46, 69, 49
RGB Percent	18%, 27%, 19%
CMY	0.8196, 0.7294, 0.8078
CMYK	0.33, 0.00, 0.29, 0.73
HSL	128°, 20%, 23%
HSV	128°, 33%, 27%
XYZ	3.8092, 5.0588, 3.6814
YIQ	59.8430, -7.2880, -11.0960

Conversions

Conversions Part 2

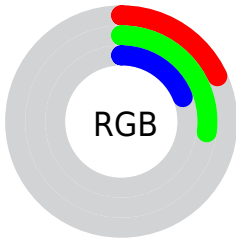
Format	Color
RYB	46, 66, 69
Decimal	3032369
CIELab	26.90, -13.81, 9.30
CIELCh	27, 16.651, 146.059
Yxy	5.0588, 0.3035, 0.4031
Android (android.graphics.Color)	4281222449 (0xFF2E4531)
YUV	59.8430, -5.3456, -12.1403
Hunter-Lab	22.4919, -9.1301, 6.0398

Details

The Hex color **2E4531** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **452E42**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5D755F**, and **001A02** is the 20% darker color. If you saturate the color by 10%, you get **27452B**, and if you desaturate by 10%, it is **354537**.

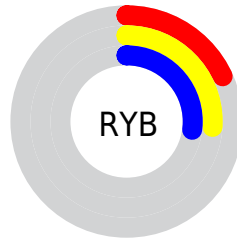
Distribution



Red (18%)

Green (27%)

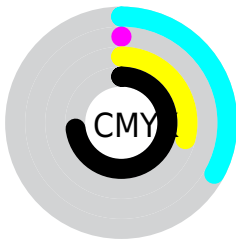
Blue (19%)



Red (18%)

Yellow (26%)

Blue (27%)

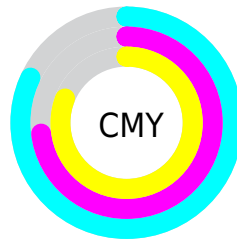


Cyan (33%)

Magenta (0%)

Yellow (29%)

Black (73%)



Cyan (82%)

Magenta (73%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4531 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 2E4531 by changing the saturation by 10% instead.



2E4531



2E4531

FFFFFF



182F1C



5D755F



001A02



758F78



000000



8FAA92



AAC5AC



C5E1C8



E1FDE4



FEFFFF



2E4531



2E4531

■ 27452B

■ 354537

■ 204525

■ 3C453D

■ 19451F

■ 434543

■ 124519

■ 4A4549

■ 0C4513

■ 51454F

■ 05450D

■ 574555

■ 004509

■ 5E455B

■ 654561

■ 6C4567

Harmonies

Analogous

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



3D4228



2E4531



1F463D

Triad

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



2E4531



2C4159



593735

Complementary

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



2E4531



452E42

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.



573642



2E4531



3F3D56

Square

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



2E4531



194554



4E394E



543A2B

Rectangle

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



2E4531



164646



4E394E



593639

Sweetspot

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



2E4531



505951



42452E



282E29



ADADAD



2E2E2E

Same Dimension

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



2E4531



36593A



2E453C



202421



00630D



00E31E

Inverse Universe

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



452E42



593655



452E37



242023



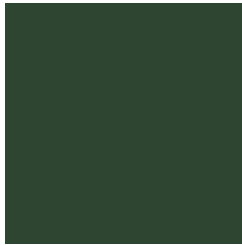
630056



E300C5

Previews

White Background



This preview shows how the Hex color 2E4531 looks on a white background.

Color Contrast Check

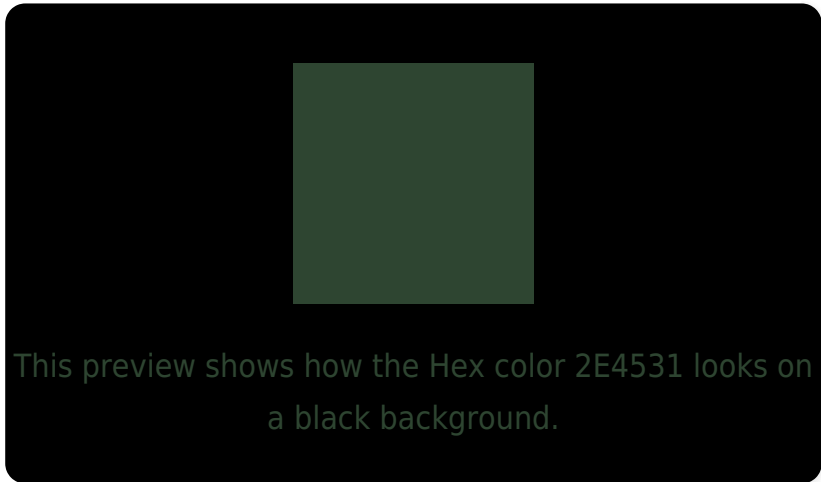
Large Text (above 18pt) WCAG AA ✓ Pass

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

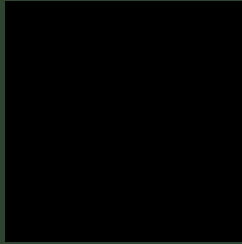
Any Text WCAG AA × Fail

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 2E4531 Background



This preview shows how black text looks on a background with the Hex color 2E4531.



This preview shows how white text looks on a background with the Hex color 2E4531.

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
2E4531

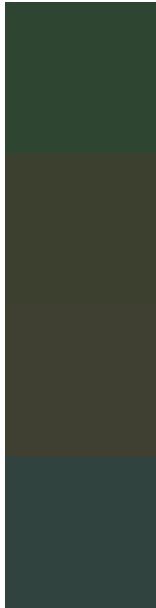
Protanopia
443F2E

Deuteranopia
4A3D33



Tritanopia
324247

Trichromacy



Original Color
2E4531

Protanomaly
3C412F

Deuteranomaly
404032

Tritanomaly
31433F

Monochromacy



Original Color
2E4531

Achromatopsia
3C3C3C

Achromatomaly
373F38

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4531 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 #2E4531 looks like.

```
.text, #text, p{  
    color:#2E4531  
}
```

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 #2E4531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4531
}
```

Border

The CSS property to change the border of an element to Hex 2E4531 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".

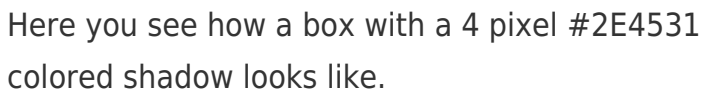
```
.border, #border, table{ border:4px solid
#2E4531 }
```

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

```
.border{ border-color:#2E4531 }
```

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

Here you see how a box with a 4 pixel #2E4531 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4531; -webkit-box-shadow:4px 4px  
4px 4px #2E4531; box-shadow:4px 4px 4px  
4px #2E4531 }
```

Background

The CSS property to change the background color of an element to Hex 2E4531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4531 }
```

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

```
.background{ background-color:#2E4531 }
```

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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