

Converting Colors

Hex(2E4432)

Have a look what the booklet for
Hex(2E4432) contains.

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Color

Hex(2E4432)

Conversions

Conversions Part 1

Format	Color
Hex	2E4432
RGB	46, 68, 50
RGB Percent	18%, 27%, 20%
CMY	0.8196, 0.7333, 0.8039
CMYK	0.32, 0.00, 0.26, 0.73
HSL	131°, 19%, 22%
HSV	131°, 32%, 27%
XYZ	3.7696, 4.9454, 3.7735
YIQ	59.3700, -7.3340, -10.2620

Conversions

Conversions Part 2

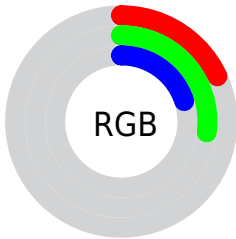
Format	Color
R_{YB}	46, 65, 68
Decimal	3032114
CIE _{Lab}	26.58, -13.02, 8.20
CIE _{LCh}	27, 15.387, 147.775
Yxy	4.9454, 0.3018, 0.3960
Android (android.graphics.Color)	4281222194 (0xFF2E4432)
YUV	59.3700, -4.6194, -11.7255
Hunter-Lab	22.2382, -8.6596, 5.5061

Details

The Hex color **2E4432** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **442E40**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5D7460**, and **001A03** is the 20% darker color. If you saturate the color by 10%, you get **27442C**, and if you desaturate by 10%, it is **354438**.

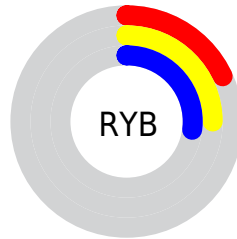
Distribution



Red (18%)

Green (27%)

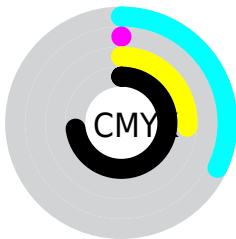
Blue (20%)



Red (18%)

Yellow (25%)

Blue (27%)

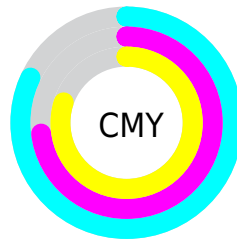


Cyan (32%)

Magenta (0%)

Yellow (26%)

Black (73%)



Cyan (82%)

Magenta (73%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4432 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 2E4432 by changing the saturation by 10% instead.



2E4432



2E4432

FFFFFF



182E1D



5D7460



001A03



758E79



000000



8FA893



AAC4AD



C5E0C9



E1FCE5



FEFFFF



2E4432



2E4432

■ 27442C

■ 354438

■ 204427

■ 3C443D

■ 1A4421

■ 424443

■ 13441C

■ 494448

■ 0C4416

■ 50444E

■ 054411

■ 574453

■ 00440C

■ 5E4459

■ 64445F

■ 6B4464

Harmonies

Analogous

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



3C412A



2E4432



21453E

Triad

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



2E4432



2E4056



563735

Complementary

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



2E4432



442E40

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.



553640



2E4432



3F3C54

Square

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



2E4432



1E4352



4D384C



513A2B

Rectangle

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



2E4432



1A4546



4D384C



563638

Sweetspot

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



2E4432



505952



40442E



282E29



ADADAD



2E2E2E

Same Dimension

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



2E4432



36593D



2E443D



1E211E



006112



00E029

Inverse Universe

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



442E40



593653



442E35



211E21



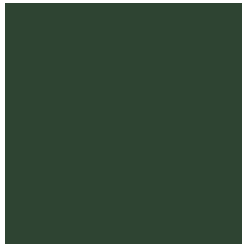
61004F



E000B8

Previews

White Background



This preview shows how the Hex color 2E4432 looks on a white background.

Color Contrast Check

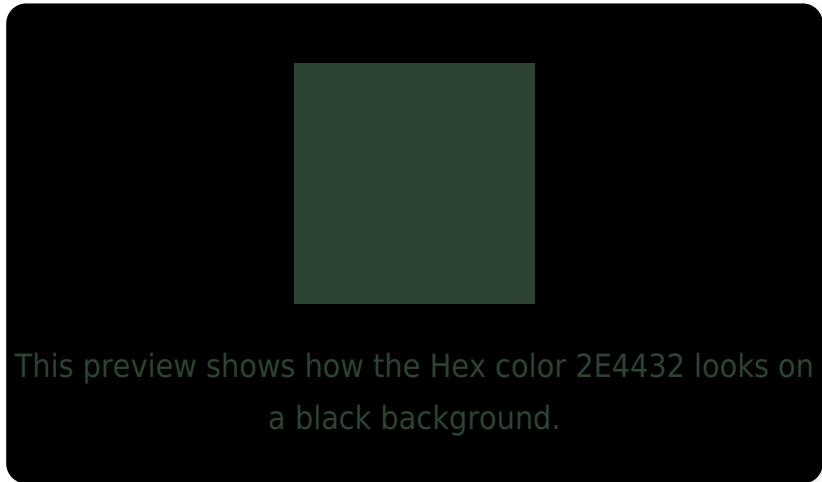
Large Text (above 18pt) WCAG AA ✓ Pass

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

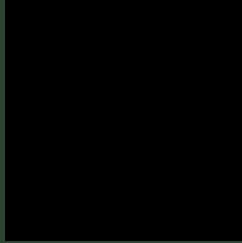
Any Text WCAG AA × Fail

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 2E4432 Background



This preview shows how black text looks on a background with the Hex color 2E4432.



This preview shows how white text looks on a background with the Hex color 2E4432.

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
2E4432

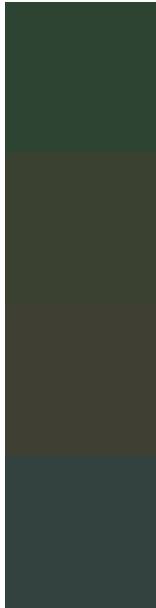
Protanopia
433F30

Deuteranopia
493C34



Tritanopia
324147

Trichromacy



Original Color

2E4432

Protanomaly

3B4131

Deuteranomaly

3F3F33

Tritanomaly

31423F

Monochromacy



Original Color

2E4432

Achromatopsia

3B3B3B

Achromatomaly

363E38

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4432 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 #2E4432 looks like.

```
.text, #text, p{  
    color:#2E4432  
}
```

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 #2E4432 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4432
}
```

Border

The CSS property to change the border of an element to Hex 2E4432 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
#2E4432 }
```

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

```
.border{ border-color:#2E4432 }
```

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

Here you see how a box with a 4 pixel #2E4432 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4432; -webkit-box-shadow:4px 4px  
4px 4px #2E4432; box-shadow:4px 4px 4px  
4px #2E4432 }
```

Background

The CSS property to change the background color of an element to Hex 2E4432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4432 }
```

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

```
.background{ background-color:#2E4432 }
```

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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