

Converting Colors

Hex(2E463C)

Have a look what the booklet for
Hex(2E463C) contains.

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Color

Hex(2E463C)

Conversions

Conversions Part 1

Format	Color
Hex	2E463C
RGB	46, 70, 60
RGB Percent	18%, 27%, 24%
CMY	0.8196, 0.7255, 0.7647
CMYK	0.34, 0.00, 0.14, 0.73
HSL	155°, 21%, 23%
HSV	155°, 34%, 27%
XYZ	4.1325, 5.2874, 5.0777
YIQ	61.6840, -11.0940, -8.1980

Conversions

Conversions Part 2

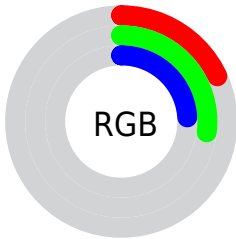
Format	Color
RYB	46, 61, 70
Decimal	3032636
CIELab	27.54, -11.85, 3.08
CIELCh	28, 12.241, 165.442
Yxy	5.2874, 0.2850, 0.3647
Android (android.graphics.Color)	4281222716 (0xFF2E463C)
YUV	61.6840, -0.8302, -13.7549
Hunter-Lab	22.9944, -8.1606, 3.0033

Details

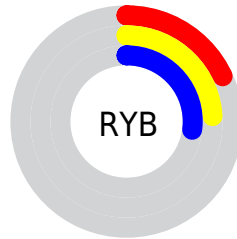
The Hex color **2E463C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **462E38**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **5D766B**, and **001B12** is the 20% darker color. If you saturate the color by 10%, you get **274639**, and if you desaturate by 10%, it is **35463F**.

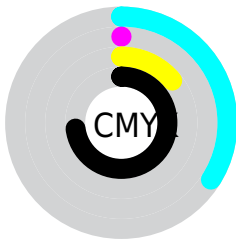
Distribution



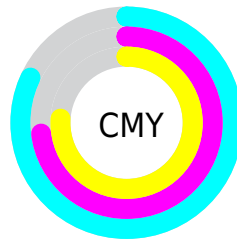
- Red (18%)
- Green (27%)
- Blue (24%)



- Red (18%)
- Yellow (24%)
- Blue (27%)



- Cyan (34%)
- Magenta (0%)
- Yellow (14%)
- Black (73%)



- Cyan (82%)
- Magenta (73%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E463C 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 2E463C by changing the saturation by 10% instead.

■ 2E463C

■ 2E463C

FFFFFF

■ 183026

■ 5D766B

■ 001B12

■ 769084

■ 000000

■ 8FAB9F

■ AAC6B9

■ C5E2D5

■ E1FFF2

FEFFFF

■ 2E463C

■ 2E463C

■ 274639

■ 35463F

■ 204636

■ 3C4642

■ 194633

■ 434645

■ 124630

■ 4A4648

■ 0B462D

■ 51464B

■ 04462A

■ 58464E

■ 004629

■ 5F4650

■ 664653

■ 6D4656

Harmonies

Analogous

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



384434



2E463C



274646

Triad

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



2E463C



3C4053



523C34

Complementary

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



2E463C



462E38

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.



543A3C



2E463C



483D4E

Square

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



2E463C



304353



513B46



4C3F2F

Rectangle

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



2E463C



26464C



513B46



543B37

Sweetspot

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



2E463C



535C58



38462E



282E2C



ADADAD



2E2E2E

Same Dimension

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



2E463C



365C4C



2E4446



202422



00633A



00E384

Inverse Universe

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



462E38



5C3646



46302E



242022



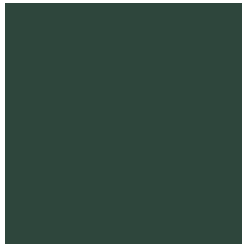
630029



E3005F

Previews

White Background



This preview shows how the Hex color 2E463C looks on a white background.

Color Contrast Check

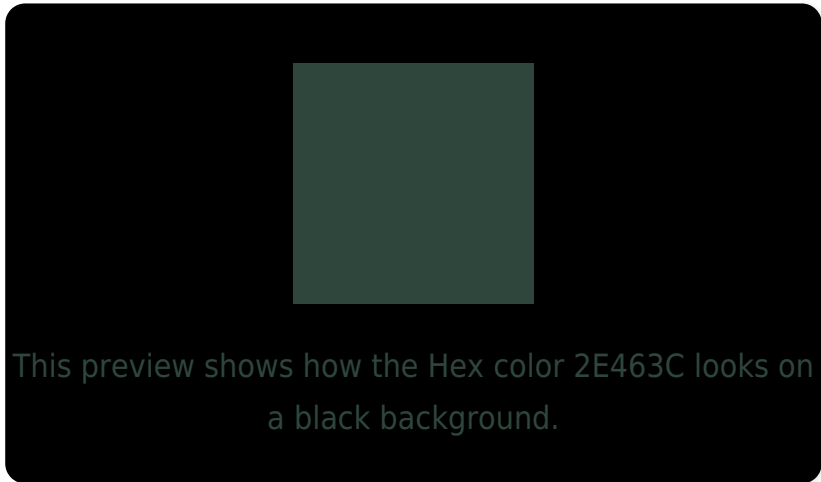
Large Text (above 18pt) WCAG AA ✓ Pass

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

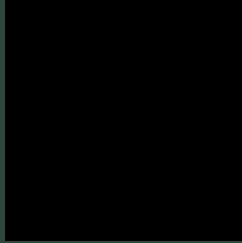
Any Text WCAG AA × Fail

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 2E463C Background



This preview shows how black text looks on a background with the Hex color 2E463C.



This preview shows how white text looks on a background with the Hex color 2E463C.

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](#).

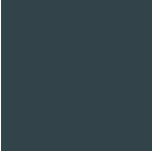
Dichromacy



Original Color
2E463C

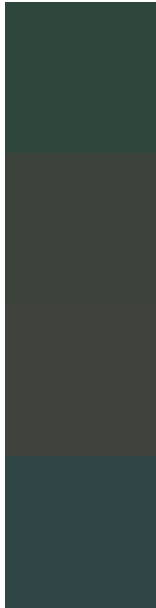
Protanopia
444139

Deuteranopia
483F3E



Tritanopia
31444A

Trichromacy



Original Color
2E463C

Protanomaly
3C433A

Deuteranomaly
3F423D

Tritanomaly
304545

Monochromacy



Original Color
2E463C

Achromatopsia
3E3E3E

Achromatomaly
38413D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E463C 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 #2E463C looks like.

```
.text, #text, p{  
    color:#2E463C  
}
```

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 #2E463C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E463C  
}
```

Border

The CSS property to change the border of an element to Hex 2E463C is called "border". The border property can be set on classes, ids or directly on the HTML element.

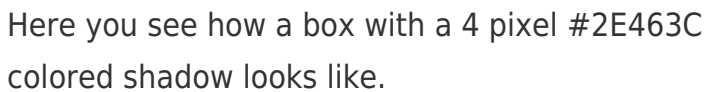
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#2E463C }
```

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

```
.border{ border-color:#2E463C }
```

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



Here you see how a box with a 4 pixel #2E463C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E463C; -webkit-box-shadow:4px 4px  
4px 4px #2E463C; box-shadow:4px 4px 4px  
4px #2E463C }
```

Background

The CSS property to change the background color of an element to Hex 2E463C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E463C }
```

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

```
.background{ background-color:#2E463C }
```

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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