

Converting Colors

Hex(2E2D46)

Have a look what the booklet for
Hex(2E2D46) contains.

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Color

Hex(2E2D46)

Conversions

Conversions Part 1

Format	Color
Hex	2E2D46
RGB	46, 45, 70
RGB Percent	18%, 18%, 27%
CMY	0.8196, 0.8235, 0.7255
CMYK	0.34, 0.36, 0.00, 0.73
HSL	242°, 22%, 23%
HSV	242°, 36%, 27%
XYZ	3.1706, 2.8998, 6.1870
YIQ	48.1490, -7.4290, 7.9870

Conversions

Conversions Part 2

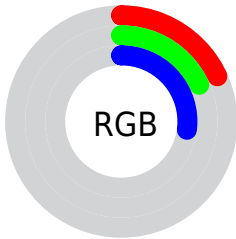
Format	Color
RYB	46, 45, 70
Decimal	3026246
CIELab	19.64, 7.34, -15.44
CIELCh	20, 17.101, 295.426
Yxy	2.8998, 0.2587, 0.2366
Android (android.graphics.Color)	4281216326 (0xFF2E2D46)
YUV	48.1490, 10.7725, -1.8847
Hunter-Lab	17.0288, 3.4344, -9.6212

Details

The Hex color **2E2D46** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45462D**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **5D5B76**, and **00001B** is the 20% darker color. If you saturate the color by 10%, you get **272646**, and if you desaturate by 10%, it is **353446**.

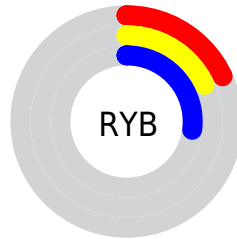
Distribution



Red (18%)

Green (18%)

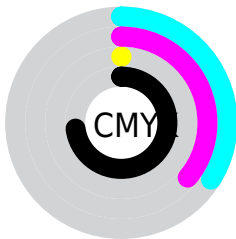
Blue (27%)



Red (18%)

Yellow (18%)

Blue (27%)

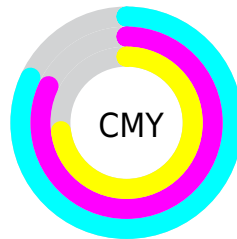


Cyan (34%)

Magenta (36%)

Yellow (0%)

Black (73%)



Cyan (82%)

Magenta (82%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E2D46 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 2E2D46 by changing the saturation by 10% instead.

■ 2E2D46

■ 2E2D46

FFFFFF

■ 181830

■ 5D5B76

■ 00001B

■ 767390

■ 000000

■ 8F8DAB

■ AAA7C6

■ C5C2E2

■ E1DEFF

■ FEFBFF

■ 2E2D46

■ 2E2D46

■ 272646

■ 353446

■ 211F46

■ 3B3B46

■ 1A1846

■ 424246

■ 131146

■ 494946

■ 0C0A46

■ 505046

■ 060346

■ 565746

■ 030046

■ 5D5E46

■ 646546

■ 6A6C46

Harmonies

Analogous

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



193148



2E2D46



3D283E

Triad

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



2E2D46



432A1B



0B362D

Complementary

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



2E2D46



45462D

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.



1E3521



2E2D46



392E16

Square

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



2E2D46



472625



2D3218



00363A

Rectangle

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



2E2D46



442636



2D3218



123629

Sweetspot

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



2E2D46



52525C



2D4546



28282E



ADADAD



2E2E2E

Same Dimension

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



2E2D46



36345C



3A2D46



202024



040063



0900E3

Inverse Universe

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



462D45



5C345A



39462D



242024



63005F



E300DA

Previews

White Background



This preview shows how the Hex color 2E2D46 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

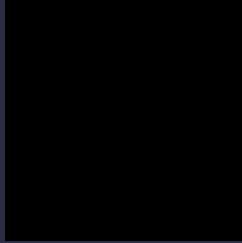
Any Text WCAG AA × Fail

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 2E2D46 Background



This preview shows how black text looks on a background with the Hex color 2E2D46.



This preview shows how white text looks on a background with the Hex color 2E2D46.

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](#).

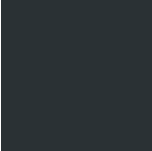
Dichromacy



Original Color
2E2D46

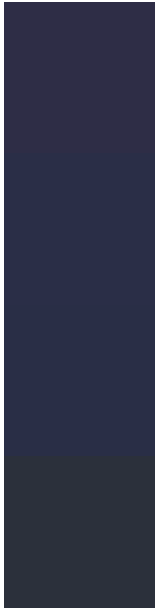
Protanopia
272F47

Deuteranopia
262F46



Tritanopia
2A3134

Trichromacy



Original Color
2E2D46

Protanomaly
2A2E47

Deuteranomaly
292E46

Tritanomaly
2B303B

Monochromacy



Original Color
2E2D46

Achromatopsia
303030

Achromatomaly
2F2F38

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E2D46 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 #2E2D46 looks like.

```
.text, #text, p{  
    color:#2E2D46  
}
```

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 #2E2D46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2D46
}
```

Border

The CSS property to change the border of an element to Hex 2E2D46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

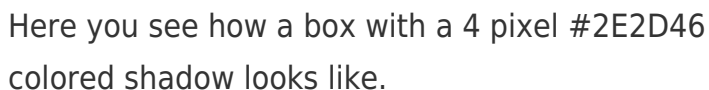
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E2D46 }
```

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

```
.border{ border-color:#2E2D46 }
```

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



Here you see how a box with a 4 pixel #2E2D46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2D46; -webkit-box-shadow:4px 4px  
4px 4px #2E2D46; box-shadow:4px 4px 4px  
4px #2E2D46 }
```

Background

The CSS property to change the background color of an element to Hex 2E2D46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2D46 }
```

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

```
.background{ background-color:#2E2D46 }
```

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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