

Converting Colors

Hex(2E302F)

Have a look what the booklet for
Hex(2E302F) contains.

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Color

Hex(2E302F)

Conversions

Conversions Part 1

Format	Color
Hex	2E302F
RGB	46, 48, 47
RGB Percent	18%, 19%, 18%
CMY	0.8196, 0.8118, 0.8157
CMYK	0.04, 0.00, 0.02, 0.81
HSL	150°, 2%, 18%
HSV	150°, 4%, 19%
XYZ	2.6968, 2.9000, 3.1069
YIQ	47.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

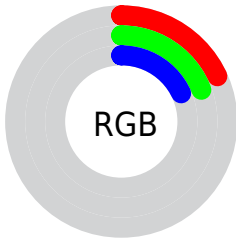
Format	Color
RYB	46, 47, 48
Decimal	3026991
CIELab	19.64, -1.12, 0.33
CIElCh	20, 1.163, 163.501
Yxy	2.9000, 0.3098, 0.3332
Android (android.graphics.Color)	4281217071 (0xFF2E302F)
YUV	47.2880, -0.1420, -1.1296
Hunter-Lab	17.0293, -1.5342, 1.1033

Details

The Hex color **2E302F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **302E2F**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **5C5E5D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **29302D**, and if you desaturate by 10%, it is **333031**.

Distribution



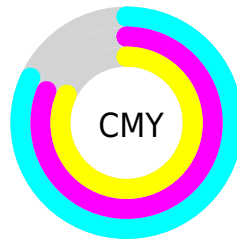
- Red (18%)
- Green (19%)
- Blue (18%)



- Red (18%)
- Yellow (18%)
- Blue (19%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (81%)



- Cyan (82%)
- Magenta (81%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E302F 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 2E302F by changing the saturation by 10% instead.



2E302F



2E302F

FFFFFF



191B1A



5C5E5D



000000



747775



8E908F



A8ABA9



C3C6C5



DFE2E1



FCFFFD



2E302F



2E302F

■ 29302D

■ 333031

■ 24302A

■ 383034

■ 203028

■ 3C3036

■ 1B3025

■ 413039

■ 163023

■ 46303B

■ 113021

■ 4B303D

■ 0C301E

■ 503040

■ 08301C

■ 543042

■ 033019

■ 593045

Harmonies

Analogous

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



2F302E



2E302F



2E3030

Triad

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



2E302F



2F2F31



312F2E

Complementary

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



2E302F



302E2F

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.



312F2F



2E302F



302F31

Square

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



2E302F



2E3031



312F30



312F2E

Rectangle

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



2E302F



2E3030



312F30



312F2F

Sweetspot

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



2E302F



3D3D3D



2F302E



1E1F1E



9E9E9E



1F1F1F

Same Dimension

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



2E302F



3A3D3C



2E3030



161716



00572B



00D66B

Inverse Universe

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



302E2F



3D3A3C



302E2E



171616



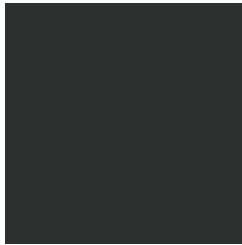
57002B



D6006B

Previews

White Background



This preview shows how the Hex color 2E302F looks on a white background.

Color Contrast Check

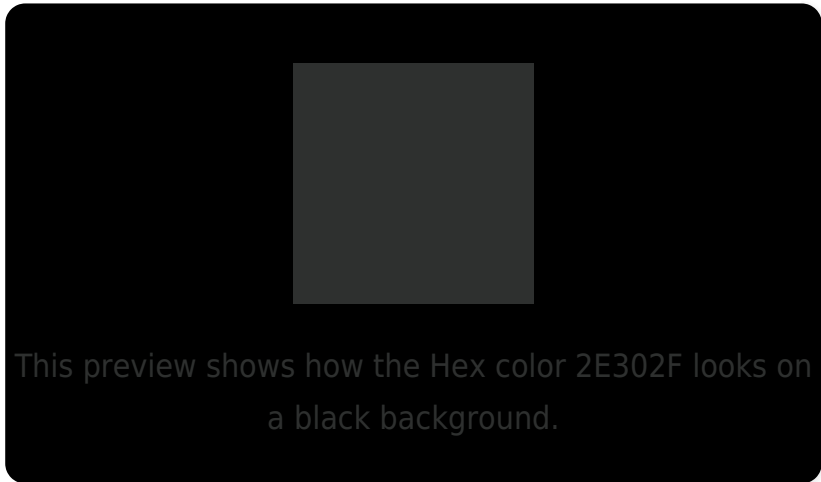
Large Text (above 18pt) WCAG AA ✓ Pass

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

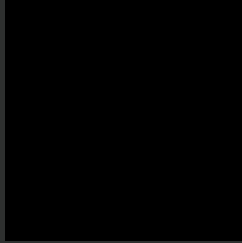
Any Text WCAG AA × Fail

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 2E302F Background



This preview shows how black text looks on a background with the Hex color 2E302F.

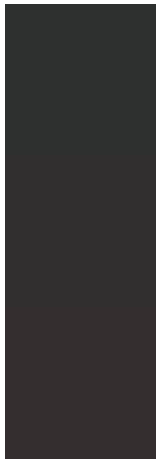


This preview shows how white text looks on a background with the Hex color 2E302F.

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
2E302F

Protanopia
312F2F

Deuteranopia
342E2F

Trichromacy



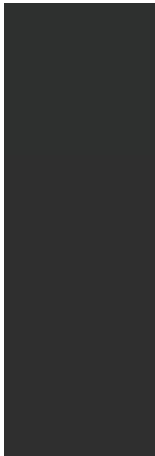
Original Color
2E302F

Protanomaly
302F2F

Deuteranomaly
322F2F

Tritanomaly
2F2F32

Monochromacy



Original Color
2E302F

Achromatopsia
2F2F2F

Achromatomaly
2F2F2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E302F 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 #2E302F looks like.

```
.text, #text, p{  
    color:#2E302F  
}
```

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 #2E302F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E302F
}
```

Border

The CSS property to change the border of an element to Hex 2E302F is called "border". The border property can be set on classes, ids or directly on the HTML element.

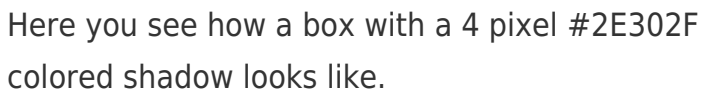
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E302F }
```

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

```
.border{ border-color:#2E302F }
```

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



Here you see how a box with a 4 pixel #2E302F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E302F; -webkit-box-shadow:4px 4px  
4px 4px #2E302F; box-shadow:4px 4px 4px  
4px #2E302F }
```

Background

The CSS property to change the background color of an element to Hex 2E302F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E302F }
```

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

```
.background{ background-color:#2E302F }
```

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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