

Converting Colors

Hex(2E2F17)

Have a look what the booklet for
Hex(2E2F17) contains.

Hex(2E2F17)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2E2F17)

Conversions

Conversions Part 1

Format	Color
Hex	2E2F17
RGB	46, 47, 23
RGB Percent	18%, 18%, 9%
CMY	0.8196, 0.8157, 0.9098
CMYK	0.02, 0.00, 0.51, 0.82
HSL	63°, 34%, 14%
HSV	63°, 51%, 18%
XYZ	2.2979, 2.6757, 1.2060
YIQ	43.9650, 7.1080, -7.6760

Conversions

Conversions Part 2

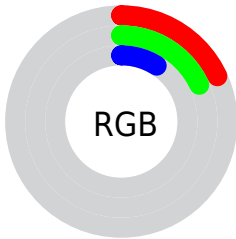
Format	Color
RYB	23, 47, 24
Decimal	3026711
CIELab	18.70, -4.97, 15.24
CIELCh	19, 16.029, 108.071
Yxy	2.6757, 0.3719, 0.4330
Android (android.graphics.Color)	4281216791 (0xFF2E2F17)
YUV	43.9650, -10.3357, 1.7847
Hunter-Lab	16.3577, -3.5507, 7.0792

Details

The Hex color **2E2F17** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **18172F**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5C5D42**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E2F12**, and if you desaturate by 10%, it is **2E2F1C**.

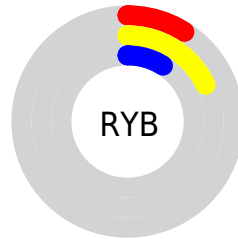
Distribution



Red (18%)

Green (18%)

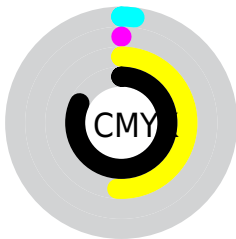
Blue (9%)



Red (9%)

Yellow (18%)

Blue (9%)

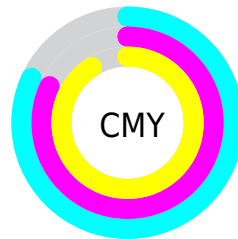


Cyan (2%)

Magenta (0%)

Yellow (51%)

Black (82%)



Cyan (82%)

Magenta (82%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E2F17 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 2E2F17 by changing the saturation by 10% instead.

■ 2E2F17

■ 2E2F17

■ FFFFA

■ 1B1A00

■ 5C5D42

■ 000000

■ 75755A

■ 8F8F72

■ AAA98C

■ C5C5A6

■ E1E1C2

■ FEFDDE

■ 2E2F17

■ 2E2F17

■ 2E2F12

■ 2E2F1C

■ 2E2F0E

■ 2E2F20

■ 2D2F09

■ 2F2F25

■ 2D2F04

■ 2F2F2A

■ 2D2F00

■ 2F2F2F

■ 2F2F33

■ 2F2F38

■ 302F3D

■ 302F41

Harmonies

Analogous

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



392B17



2E2F17



21321E

Triad

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



2E2F17



00333E



412533

Complementary

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



2E2F17



18172F

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.



37283D



2E2F17



133044

Square

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



2E2F17



003434



282C43



442527

Rectangle

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



2E2F17



173324



282C43



3F2636

Sweetspot

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



2E2F17



3D3D34



2F1817



1E1F19



9E9E9E



1F1F1F

Same Dimension

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



2E2F17



3C3D18



222F17



171715



535700



CDD600

Inverse Universe

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



18172F



19183D



24172F



151517



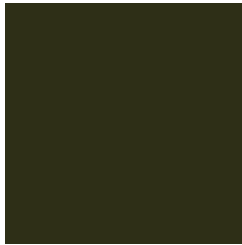
040057



0900D6

Previews

White Background



This preview shows how the Hex color 2E2F17 looks on a white background.

Color Contrast Check

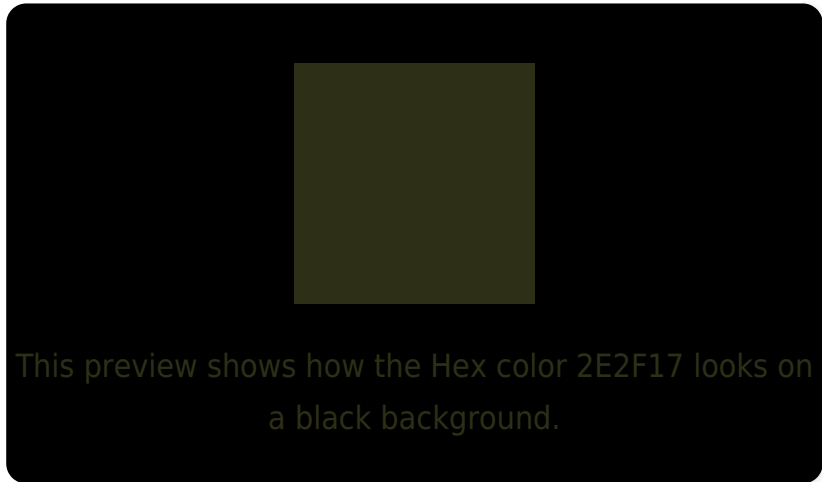
Large Text (above 18pt) WCAG AA ✓ Pass

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

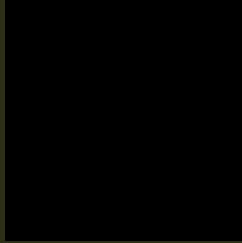
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

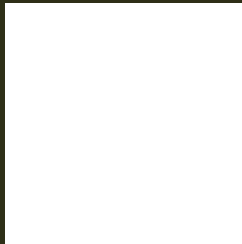
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2E2F17 Background



This preview shows how black text looks on a background with the Hex color 2E2F17.

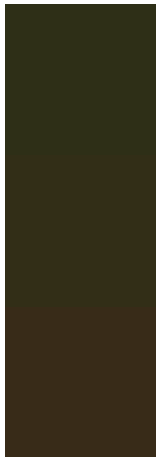


This preview shows how white text looks on a background with the Hex color 2E2F17.

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
2E2F17

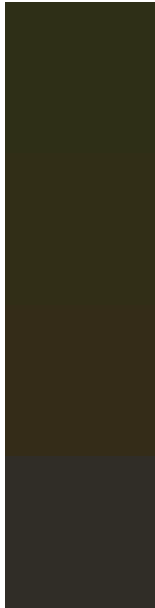
Protanopia
322E17

Deuteranopia
382B18



Tritanopia
312C30

Trichromacy



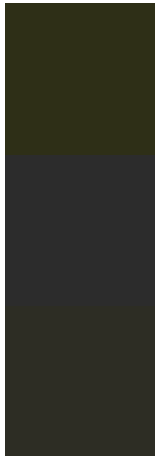
Original Color
2E2F17

Protanomaly
312E17

Deuteranomaly
342C18

Tritanomaly
302D27

Monochromacy



Original Color
2E2F17

Achromatopsia
2C2C2C

Achromatomaly
2D2D24

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E2F17 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 #2E2F17 looks like.

```
.text, #text, p{  
    color:#2E2F17  
}
```

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 #2E2F17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2F17
}
```

Border

The CSS property to change the border of an element to Hex 2E2F17 is called "border". The border property can be set on classes, ids or directly on the HTML element.

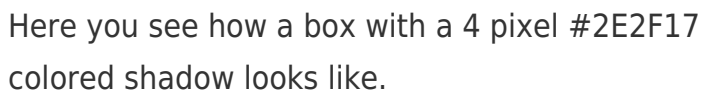
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E2F17 }
```

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

```
.border{ border-color:#2E2F17 }
```

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



Here you see how a box with a 4 pixel #2E2F17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2F17; -webkit-box-shadow:4px 4px  
4px 4px #2E2F17; box-shadow:4px 4px 4px  
4px #2E2F17 }
```

Background

The CSS property to change the background color of an element to Hex 2E2F17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2F17 }
```

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

```
.background{ background-color:#2E2F17 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor