

Converting Colors

Hex(2E2812)

Have a look what the booklet for
Hex(2E2812) contains.

Hex(2E2812)	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(2E2812)

Conversions

Conversions Part 1

Format	Color
Hex	2E2812
RGB	46, 40, 18
RGB Percent	18%, 16%, 7%
CMY	0.8196, 0.8431, 0.9294
CMYK	0.00, 0.13, 0.61, 0.82
HSL	47°, 44%, 13%
HSV	47°, 61%, 18%
XYZ	1.9947, 2.1421, 0.8806
YIQ	39.2860, 10.6380, -5.5700

Conversions

Conversions Part 2

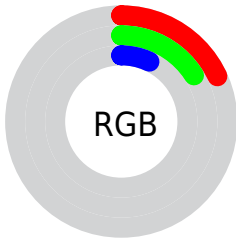
Format	Color
RYB	26, 46, 18
Decimal	3024914
CIELab	16.22, -0.95, 15.36
CIELCh	16, 15.392, 93.522
Yxy	2.1421, 0.3976, 0.4269
Android (android.graphics.Color)	4281214994 (0xFF2E2812)
YUV	39.2860, -10.4940, 5.8882
Hunter-Lab	14.6359, -1.2856, 6.6778

Details

The Hex color **2E2812** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **12182E**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **5D553D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E270D**, and if you desaturate by 10%, it is **2E2917**.

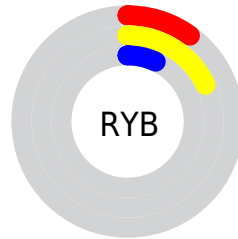
Distribution



Red (18%)

Green (16%)

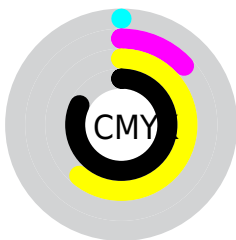
Blue (7%)



Red (10%)

Yellow (18%)

Blue (7%)

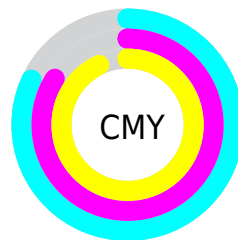


Cyan (0%)

Magenta (13%)

Yellow (61%)

Black (82%)



Cyan (82%)

Magenta (84%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E2812 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 2E2812 by changing the saturation by 10% instead.

 2E2812

 2E2812

 FFFFF3

 191400

 5D553D

 000000

 766D54

 90866C

 AAA186

 C6BBA0

 E2D7BB

 FFF4D6

 2E2812

 2E2812

■ 2E270D

■ 2E2917

■ 2E2609

■ 2E2A1B

■ 2E2504

■ 2E2B20

■ 2E2400

■ 2E2C24

■ 2E2D29

■ 2E2E2E

■ 2E2F32

■ 2E3037

■ 2E313B

Harmonies

Analogous

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



372415



2E2812



222B16

Triad

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



2E2812



002E34



372132

Complementary

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



2E2812



12182E

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.



2B253A



2E2812



042C3C

Square

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



2E2812



042E29



1A293E



3D2027

Rectangle

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



2E2812



1A2D1B



1A293E



342235

Sweetspot

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



2E2812



3B3830



2E1218



1F1D18



9E9E9E



1F1F1F

Same Dimension

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



2E2812



3B3110



262E12



171615



574400



D6A800

Inverse Universe

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



12182E



10193B



1A122E



151517



001357



002ED6

Previews

White Background



This preview shows how the Hex color 2E2812 looks on a white background.

Color Contrast Check

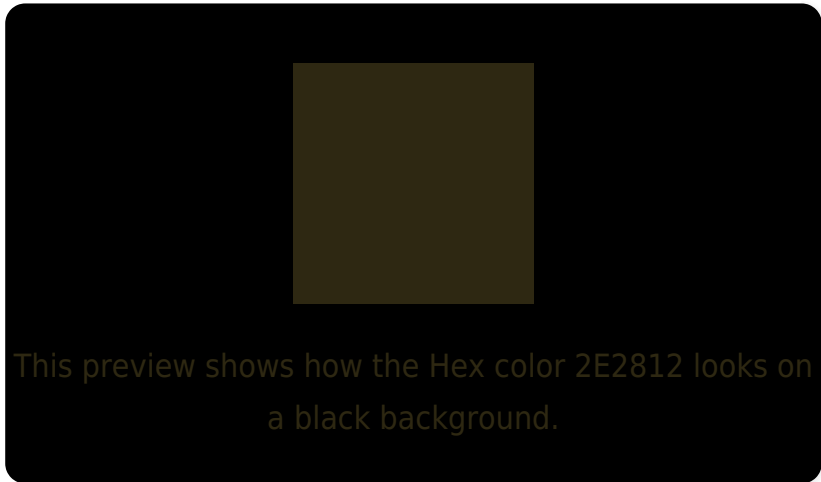
Large Text (above 18pt) WCAG AA ✓ Pass

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

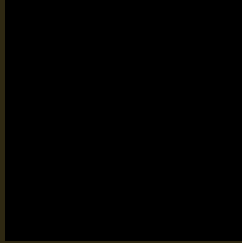
Any Text WCAG AA × Fail

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 2E2812 Background



This preview shows how black text looks on a background with the Hex color 2E2812.

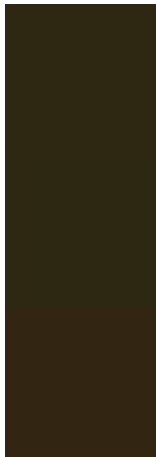


This preview shows how white text looks on a background with the Hex color 2E2812.

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
2E2812

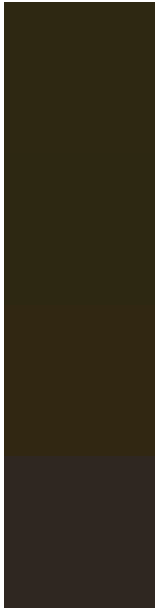
Protanopia
2D2812

Deuteranopia
322612



Tritanopia
302629

Trichromacy



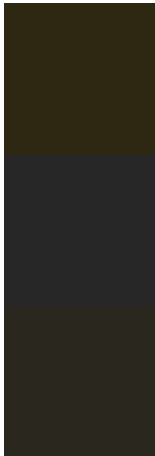
Original Color
2E2812

Protanomaly
2D2812

Deuteranomaly
312712

Tritanomaly
2F2721

Monochromacy



Original Color
2E2812

Achromatopsia
272727

Achromatomaly
2A271F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E2812 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 #2E2812 looks like.

```
.text, #text, p{  
    color:#2E2812  
}
```

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 #2E2812 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2812
}
```

Border

The CSS property to change the border of an element to Hex 2E2812 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
#2E2812 }
```

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

```
.border{ border-color:#2E2812 }
```

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

Here you see how a box with a 4 pixel #2E2812 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2812; -webkit-box-shadow:4px 4px  
4px 4px #2E2812; box-shadow:4px 4px 4px  
4px #2E2812 }
```

Background

The CSS property to change the background color of an element to Hex 2E2812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2812 }
```

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

```
.background{ background-color:#2E2812 }
```

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