

Converting Colors

Hex(2E2710)

Have a look what the booklet for
Hex(2E2710) contains.

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Color

Hex(2E2710)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 2E2710 |
| RGB | 46, 39, 16 |
| RGB Percent | 18%, 15%, 6% |
| CMY | 0.8196, 0.8471, 0.9373 |
| CMYK | 0.00, 0.15, 0.65, 0.82 |
| HSL | 46°, 48%, 12% |
| HSV | 46°, 65%, 18% |
| XYZ | 1.9458, 2.0693, 0.7871 |
| YIQ | 38.4710, 11.5550, -5.6690 |

Conversions

Conversions Part 2

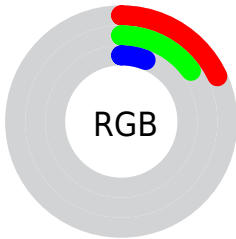
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 25, 46, 16 |
| Decimal | 3024656 |
| CIELab | 15.85, -0.49, 16.06 |
| CIELCh | 16, 16.072, 91.752 |
| Yxy | 2.0693, 0.4052, 0.4309 |
| Android (android.graphics.Color) | 4281214736 (0xFF2E2710) |
| YUV | 38.4710, -11.0782, 6.6029 |
| Hunter-Lab | 14.3850, -1.0294, 6.8255 |

Details

The Hex color **2E2710** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **10172E**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **5D543B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E260B**, and if you desaturate by 10%, it is **2E2815**.

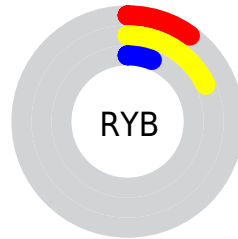
Distribution



Red (18%)

Green (15%)

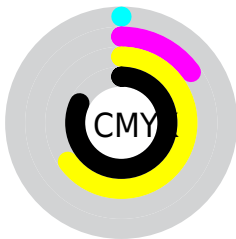
Blue (6%)



Red (10%)

Yellow (18%)

Blue (6%)

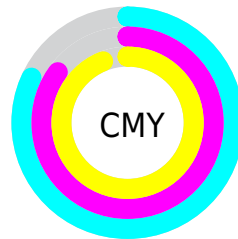


Cyan (0%)

Magenta (15%)

Yellow (65%)

Black (82%)



Cyan (82%)

Magenta (85%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E2710 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 2E2710 by changing the saturation by 10% instead.

■ 2E2710

■ 2E2710

■ FFFFF0

■ 191300

■ 5D543B

■ 000000

■ 766C52

■ 90856A

■ AB9F83

■ C6BA9D

■ E2D6B8

■ FFF2D4

■ 2E2710

■ 2E2710

■ 2E260B

■ 2E2815

■ 2E2507

■ 2E2919

■ 2E2402

■ 2E2A1E

■ 2E2300

■ 2E2B22

■ 2E2C27

■ 2E2D2C

■ 2E2F30

■ 2E3035

■ 2E3139

Harmonies

Analogous

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



372314



2E2710



222A14

Triad

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



2E2710



002D33



362032

Complementary

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



2E2710



10172E

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.



29243B



2E2710



002B3B

Square

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



2E2710



022D28



17283E



3D1E27

Rectangle

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



2E2710



192C19



17283E



332136

Sweetspot

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



2E2710



3B382F



2E1017



1F1D17



9E9E9E



1F1F1F

Same Dimension

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



2E2710



3B300D



262E10



171615



574200



D6A400

Inverse Universe

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



10172E



0D183B



18102E



151517



001457



0032D6

Previews

White Background



This preview shows how the Hex color 2E2710 looks on a white background.

Color Contrast Check

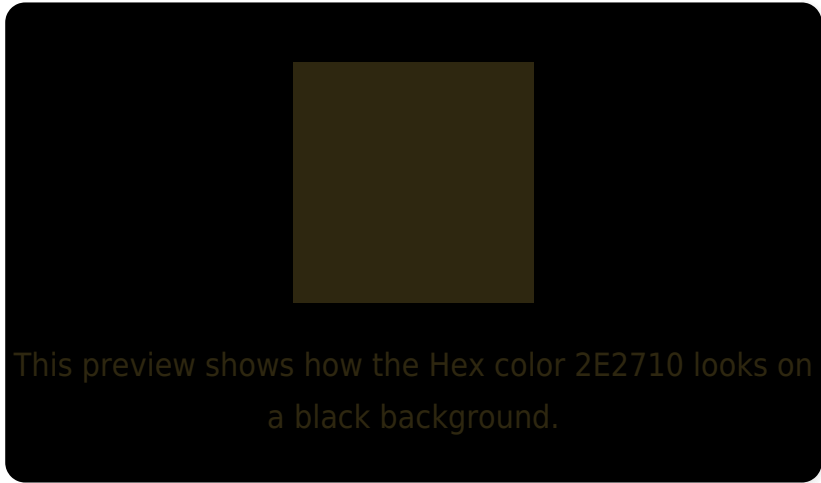
Large Text (above 18pt) WCAG AA ✓ Pass

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

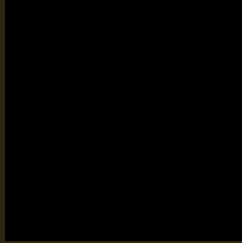
Any Text WCAG AA × Fail

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 2E2710 Background



This preview shows how black text looks on a background with the Hex color 2E2710.

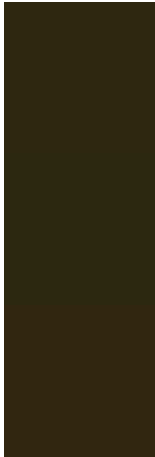


This preview shows how white text looks on a background with the Hex color 2E2710.

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
2E2710

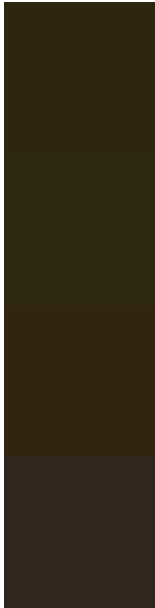
Protanopia
2C2810

Deuteranopia
312610



Tritanopia
302527

Trichromacy



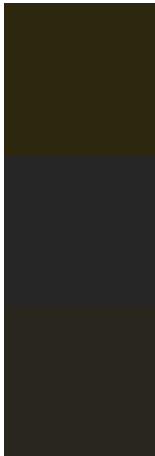
Original Color
2E2710

Protanomaly
2D2810

Deuteranomaly
302610

Tritanomaly
2F261F

Monochromacy



Original Color
2E2710

Achromatopsia
262626

Achromatomaly
29261E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E2710 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 #2E2710 looks like.

```
.text, #text, p{  
    color:#2E2710  
}
```

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 #2E2710 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2710
}
```

Border

The CSS property to change the border of an element to Hex 2E2710 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".

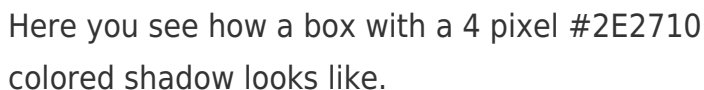
```
.border, #border, table{ border:4px solid
#2E2710 }
```

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

```
.border{ border-color:#2E2710 }
```

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

Here you see how a box with a 4 pixel #2E2710 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2710; -webkit-box-shadow:4px 4px  
4px 4px #2E2710; box-shadow:4px 4px 4px  
4px #2E2710 }
```

Background

The CSS property to change the background color of an element to Hex 2E2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2710 }
```

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

```
.background{ background-color:#2E2710 }
```

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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