

Converting Colors

Hex(280E0E)

Have a look what the booklet for
Hex(280E0E) contains.

Hex(280E0E)	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(280E0E)

Conversions

Conversions Part 1

Format	Color
Hex	280E0E
RGB	40, 14, 14
RGB Percent	16%, 5%, 5%
CMY	0.8431, 0.9451, 0.9451
CMYK	0.00, 0.65, 0.65, 0.84
HSL	0°, 48%, 11%
HSV	0°, 65%, 16%
XYZ	1.1114, 0.7969, 0.5107
YIQ	21.7740, 15.4960, 5.5120

Conversions

Conversions Part 2

Format	Color
RYB	40, 14, 14
Decimal	2625038
CIELab	7.20, 13.49, 5.11
CIELCh	7, 14.427, 20.727
Yxy	0.7969, 0.4594, 0.3294
Android (android.graphics.Color)	4280815118 (0xFF280E0E)
YUV	21.7740, -3.8326, 15.9842
Hunter-Lab	8.9269, 6.6006, 2.8569

Details

The Hex color **280E0E** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0E2828**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **563839**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **280A0A**, and if you desaturate by 10%, it is **281212**.

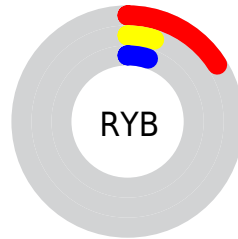
Distribution



Red (16%)

Green (5%)

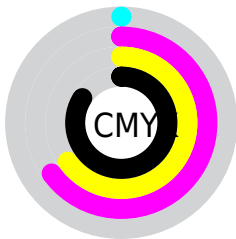
Blue (5%)



Red (16%)

Yellow (5%)

Blue (5%)

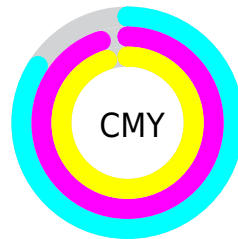


Cyan (0%)

Magenta (65%)

Yellow (65%)

Black (84%)



Cyan (84%)

Magenta (95%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 280E0E 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 280E0E by changing the saturation by 10% instead.

 280E0E

 280E0E

 FFEEEE

 040000

 563839

 000000

 6F4F50

 896868

 A48181

 BF9B9B

 DBB6B6

 F8D1D1

 280E0E

 280E0E

■ 280A0A

■ 281212

■ 280606

■ 281616

■ 280202

■ 281A1A

■ 280000

■ 281E1E

■ 282222

■ 282626

■ 282A2A

■ 282E2E

■ 283232

Harmonies

Analogous

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



260E19



280E0E



261100

Triad

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



280E0E



081A04



001829

Complementary

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



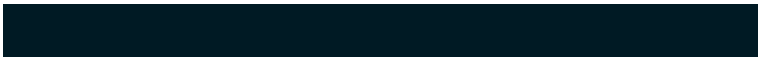
280E0E



0E2828

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.



001A24



280E0E



001B12

Square

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



280E0E



161700



001C1C



121528

Rectangle

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



280E0E



221300



001C1C



001928

Sweetspot

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



280E0E



332929



280E28



1A1313



999999



1A1A1A

Same Dimension

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



280E0E



330B0B



281B0E



141212



540000



D40000

Inverse Universe

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



0E2828



0B3333



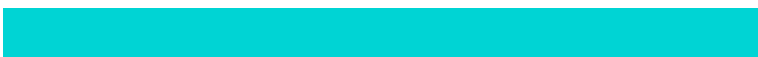
0E1B28



121414



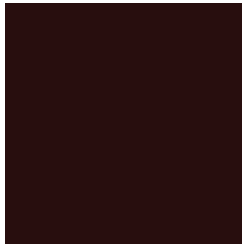
005454



00D4D4

Previews

White Background



This preview shows how the Hex color 280E0E looks on a white background.

Color Contrast Check

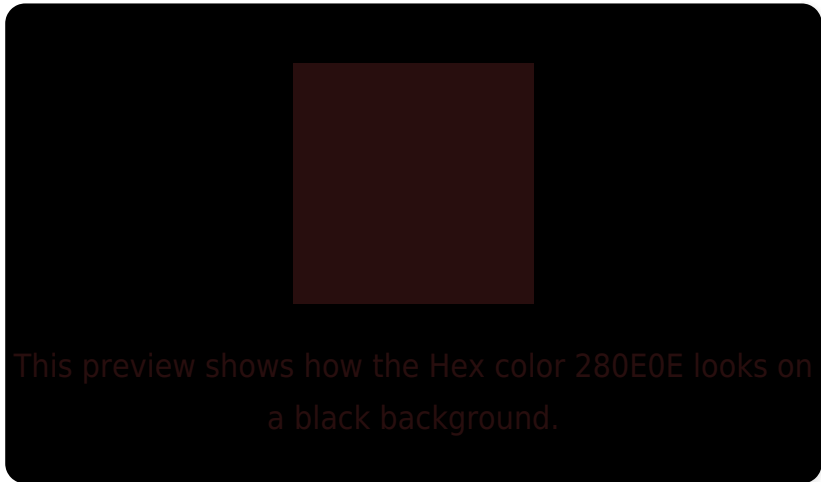
Large Text (above 18pt) WCAG AA ✓ Pass

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 280E0E Background



This preview shows how black text looks on a background with the Hex color 280E0E.



This preview shows how white text looks on a background with the Hex color 280E0E.

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](#).

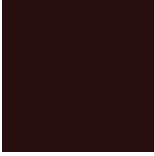
Dichromacy



Original Color
280E0E

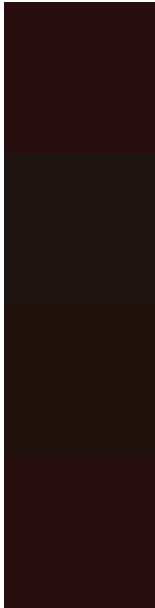
Protanopia
191712

Deuteranopia
1C160D



Tritanopia
280E0F

Trichromacy



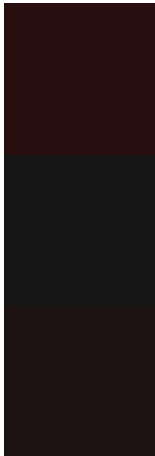
Original Color
280E0E

Protanomaly
1E1411

Deuteranomaly
20130D

Tritanomaly
280E0F

Monochromacy



Original Color
280E0E

Achromatopsia
161616

Achromatomaly
1D1313

CSS Examples

Text

The CSS property to change the color of the text to Hex 280E0E 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 #280E0E looks like.

```
.text, #text, p{  
    color:#280E0E  
}
```

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 #280E0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #280E0E
}
```

Border

The CSS property to change the border of an element to Hex 280E0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

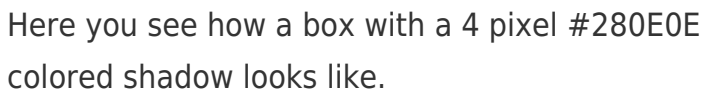
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#280E0E }
```

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

```
.border{ border-color:#280E0E }
```

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

A rectangular box with a dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color, matching the #280E0E color mentioned in the text. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #280E0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #280E0E; -webkit-box-shadow:4px 4px  
4px 4px #280E0E; box-shadow:4px 4px 4px  
4px #280E0E }
```

Background

The CSS property to change the background color of an element to Hex 280E0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#280E0E }
```

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

```
.background{ background-color:#280E0E }
```

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