

Converting Colors

Hex(28290C)

Have a look what the booklet for
Hex(28290C) contains.

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Color

Hex(28290C)

Conversions

Conversions Part 1

Format	Color
Hex	28290C
RGB	40, 41, 12
RGB Percent	16%, 16%, 5%
CMY	0.8431, 0.8392, 0.9529
CMYK	0.02, 0.00, 0.71, 0.84
HSL	62°, 55%, 10%
HSV	62°, 71%, 16%
XYZ	1.7344, 2.0635, 0.6547
YIQ	37.3950, 8.7130, -9.2310

Conversions

Conversions Part 2

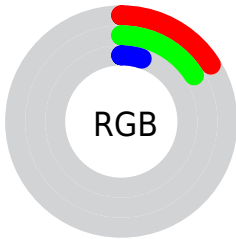
Format	Color
R_{YB}	12, 41, 13
Decimal	2631948
CIE _{Lab}	15.82, -5.51, 17.91
CIE _{LCh}	16, 18.734, 107.098
Yxy	2.0635, 0.3895, 0.4634
Android (android.graphics.Color)	4280822028 (0xFF28290C)
YUV	37.3950, -12.5197, 2.2846
Hunter-Lab	14.3650, -3.5874, 7.3532

Details

The Hex color **28290C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0D0C29**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **565637**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **282908**, and if you desaturate by 10%, it is **282910**.

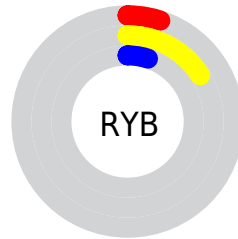
Distribution



Red (16%)

Green (16%)

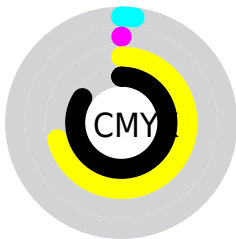
Blue (5%)



Red (5%)

Yellow (16%)

Blue (5%)

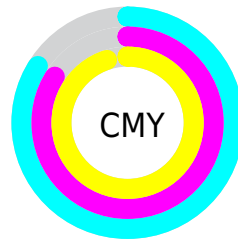


Cyan (2%)

Magenta (0%)

Yellow (71%)

Black (84%)



Cyan (84%)

Magenta (84%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28290C 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 28290C by changing the saturation by 10% instead.

 28290C

 28290C

 FFFFED

 111500

 565637

 000000

 6F6E4E

 888867

 A3A280

 BEBD9A

 DAD9B5

 F6F5D0

 28290C

 28290C

■ 282908

■ 282910

■ 282904

■ 282914

■ 282900

■ 282918

■ 29291C

■ 292921

■ 292925

■ 292929

■ 29292D

■ 292931

Harmonies

Analogous

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



34250C



28290C



192C15

Triad

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



28290C



002D3A



3D1D2E

Complementary

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



28290C



0D0C29

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.



32213A



28290C



002A41

Square

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



28290C



002E2F



1F2641



401C20

Rectangle

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



28290C



0B2D1D



1F2641



3A1E32

Sweetspot

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



28290C



35362A



290D0C



1C1C15



9C9C9C



1C1C1C

Same Dimension

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



28290C



343608



1A290C



141412



515400



CCD400

Inverse Universe

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



0D0C29



0A0836



1B0C29



121214



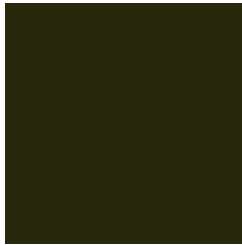
030054



0700D4

Previews

White Background



This preview shows how the Hex color 28290C looks on a white background.

Color Contrast Check

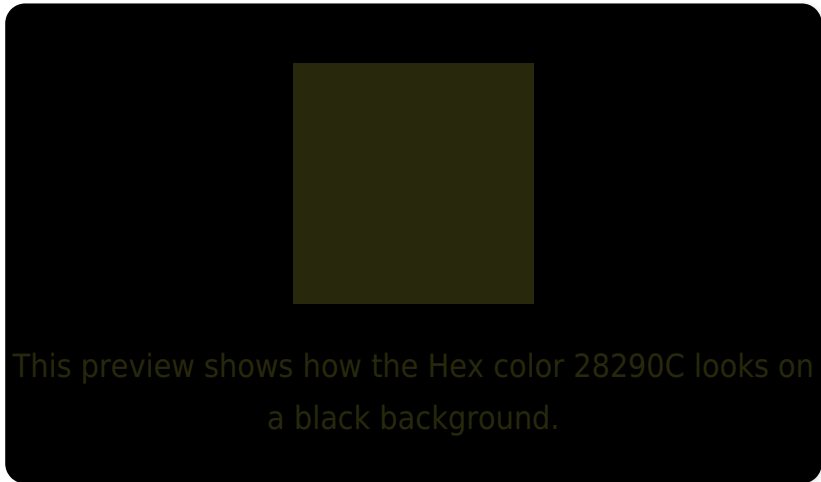
Large Text (above 18pt) WCAG AA ✓ Pass

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

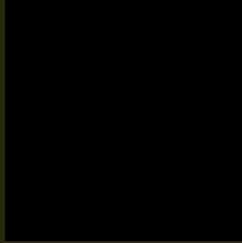
Any Text WCAG AA × Fail

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 28290C Background



This preview shows how black text looks on a background with the Hex color 28290C.

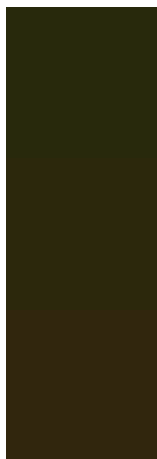


This preview shows how white text looks on a background with the Hex color 28290C.

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
28290C

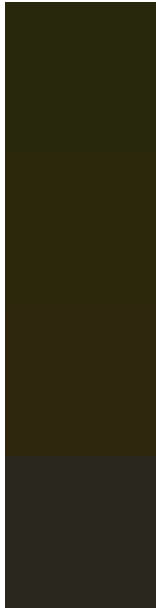
Protanopia
2C280C

Deuteranopia
31260D



Tritanopia
2B2629

Trichromacy



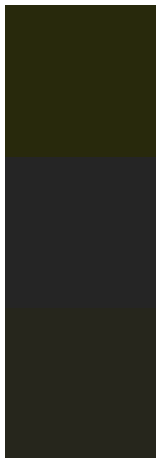
Original Color
28290C

Protanomaly
2B280C

Deuteranomaly
2E270D

Tritanomaly
2A271E

Monochromacy



Original Color
28290C

Achromatopsia
252525

Achromatomaly
26261C

CSS Examples

Text

The CSS property to change the color of the text to Hex 28290C 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 #28290C looks like.

```
.text, #text, p{  
    color:#28290C  
}
```

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 #28290C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28290C
}
```

Border

The CSS property to change the border of an element to Hex 28290C is called "border". The border property can be set on classes, ids or directly on the HTML element.

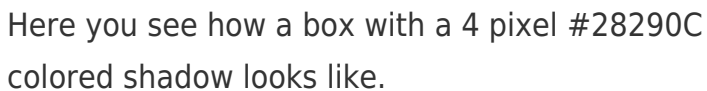
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28290C }
```

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

```
.border{ border-color:#28290C }
```

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



Here you see how a box with a 4 pixel #28290C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28290C; -webkit-box-shadow:4px 4px  
4px 4px #28290C; box-shadow:4px 4px 4px  
4px #28290C }
```

Background

The CSS property to change the background color of an element to Hex 28290C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28290C }
```

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

```
.background{ background-color:#28290C }
```

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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