

Converting Colors

Hex(28100C)

Have a look what the booklet for
Hex(28100C) contains.

Hex(28100C)	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(28100C)

Conversions

Conversions Part 1

Format	Color
Hex	28100C
RGB	40, 16, 12
RGB Percent	16%, 6%, 5%
CMY	0.8431, 0.9373, 0.9529
CMYK	0.00, 0.60, 0.70, 0.84
HSL	9°, 54%, 10%
HSV	9°, 70%, 16%
XYZ	1.1267, 0.8482, 0.4522
YIQ	22.7200, 15.5880, 3.8440

Conversions

Conversions Part 2

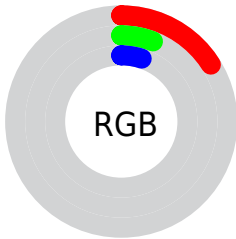
Format	Color
RYB	40, 17, 12
Decimal	2625548
CIELab	7.66, 12.01, 6.74
CIELCh	8, 13.778, 29.302
Yxy	0.8482, 0.4642, 0.3495
Android (android.graphics.Color)	4280815628 (0xFF28100C)
YUV	22.7200, -5.2850, 15.1546
Hunter-Lab	9.2100, 5.7196, 3.5361

Details

The Hex color **28100C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0C2428**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **563A37**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **280D08**, and if you desaturate by 10%, it is **281310**.

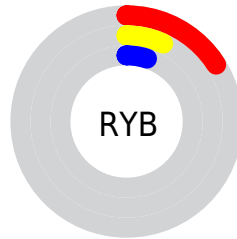
Distribution



Red (16%)

Green (6%)

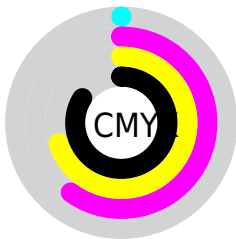
Blue (5%)



Red (16%)

Yellow (7%)

Blue (5%)

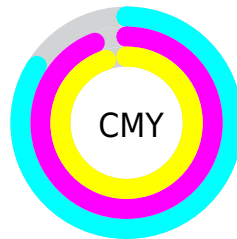


Cyan (0%)

Magenta (60%)

Yellow (70%)

Black (84%)



Cyan (84%)

Magenta (94%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28100C 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 28100C by changing the saturation by 10% instead.

 28100C

 28100C

 FFF0EC

 050000

 563A37

 000000

 6F514E

 896A66

 A4837F

 BF9D99

 DBB8B4

 F8D4CF

 28100C

 28100C

■ 280D08

■ 281310

■ 280904

■ 281714

■ 280600

■ 281A18

■ 281E1C

■ 282120

■ 282524

■ 282828

■ 282B2C

■ 282F30

Harmonies

Analogous

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



270F17



28100C



251300

Triad

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



28100C



051B0A



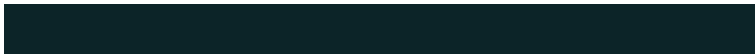
061829

Complementary

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



28100C



0C2428

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.



001A26



28100C



001C16

Square

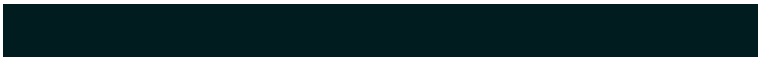
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28100C



151900



001C1F



171527

Rectangle

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



28100C



211500



001C1F



011929

Sweetspot

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



28100C



332A28



280C24



1A1413



999999



1A1A1A

Same Dimension

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



28100C



330E08



281E0C



141312



540C00



D41E00

Inverse Universe

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



0C2428



082D33



0C1628



121414



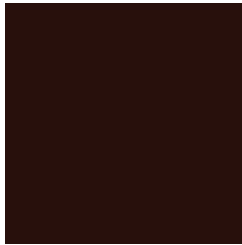
004854



00B5D4

Previews

White Background



This preview shows how the Hex color 28100C looks on a white background.

Color Contrast Check

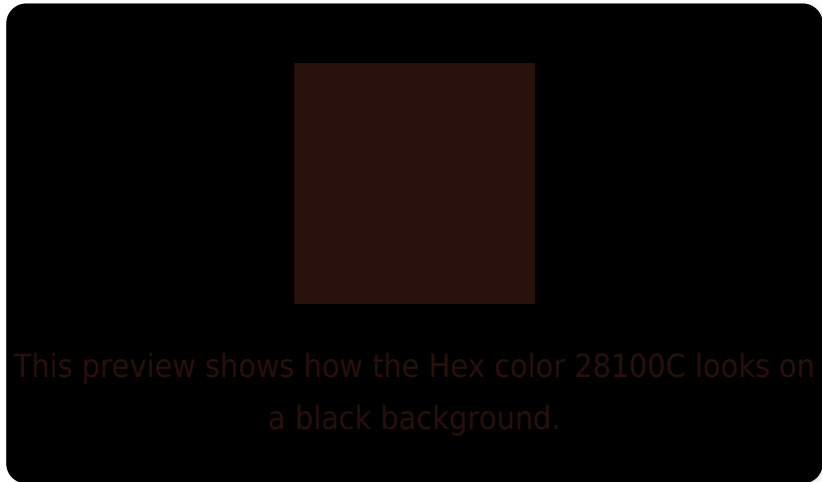
Large Text (above 18pt) WCAG AA ✓ Pass

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

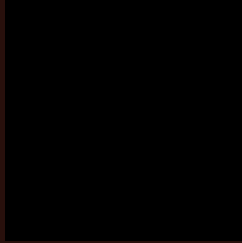
Any Text WCAG AA × Fail

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 28100C Background



This preview shows how black text looks on a background with the Hex color 28100C.



This preview shows how white text looks on a background with the Hex color 28100C.

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](#).

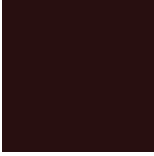
Dichromacy



Original Color
28100C

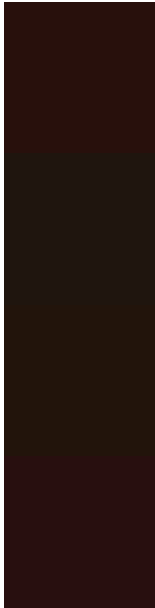
Protanopia
1A180F

Deuteranopia
1E170B



Tritanopia
280F10

Trichromacy



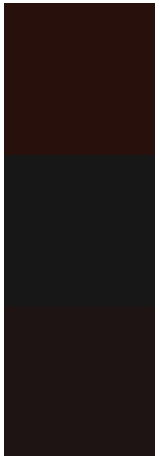
Original Color
28100C

Protanomaly
1F150E

Deuteranomaly
22140B

Tritanomaly
280F0F

Monochromacy



Original Color
28100C

Achromatopsia
171717

Achromatomaly
1D1413

CSS Examples

Text

The CSS property to change the color of the text to Hex 28100C 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 #28100C looks like.

```
.text, #text, p{  
    color:#28100C  
}
```

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 #28100C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28100C
}
```

Border

The CSS property to change the border of an element to Hex 28100C is called "border". The border property can be set on classes, ids or directly on the HTML element.

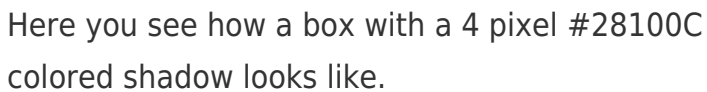
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28100C }
```

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

```
.border{ border-color:#28100C }
```

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



Here you see how a box with a 4 pixel #28100C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28100C; -webkit-box-shadow:4px 4px  
4px 4px #28100C; box-shadow:4px 4px 4px  
4px #28100C }
```

Background

The CSS property to change the background color of an element to Hex 28100C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28100C }
```

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

```
.background{ background-color:#28100C }
```

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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