

Converting Colors

Hex(28101C)

Have a look what the booklet for
Hex(28101C) contains.

Hex(28101C)	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(28101C)

Conversions

Conversions Part 1

Format	Color
Hex	28101C
RGB	40, 16, 28
RGB Percent	16%, 6%, 11%
CMY	0.8431, 0.9373, 0.8902
CMYK	0.00, 0.60, 0.30, 0.84
HSL	330°, 43%, 11%
HSV	330°, 60%, 16%
XYZ	1.2700, 0.9055, 1.2065
YIQ	24.5440, 10.4520, 8.8200

Conversions

Conversions Part 2

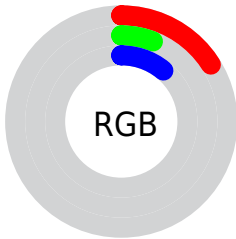
Format	Color
RYB	40, 16, 28
Decimal	2625564
CIELab	8.18, 14.43, -2.90
CIELCh	8, 14.718, 348.633
Yxy	0.9055, 0.3755, 0.2678
Android (android.graphics.Color)	4280815644 (0xFF28101C)
YUV	24.5440, 1.7038, 13.5549
Hunter-Lab	9.5160, 7.1689, -0.8558

Details

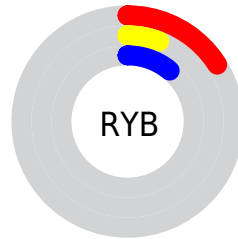
The Hex color **28101C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **10281C**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **563B47**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **280C1A**, and if you desaturate by 10%, it is **28141E**.

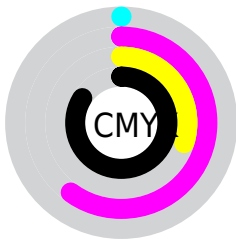
Distribution



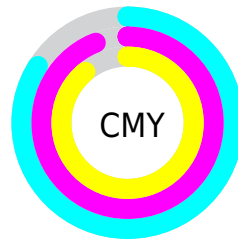
- Red (16%)
- Green (6%)
- Blue (11%)



- Red (16%)
- Yellow (6%)
- Blue (11%)



- Cyan (0%)
- Magenta (60%)
- Yellow (30%)
- Black (84%)



- Cyan (84%)
- Magenta (94%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28101C 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 28101C by changing the saturation by 10% instead.

■ 28101C

■ 28101C

■ FFF1FF

■ 100000

■ 563B47

■ 000000

■ 6F525F

■ 886A78

■ A38391

■ BE9EAC

■ DAB8C7

■ F7D4E3

■ 28101C

■ 28101C

■ 280C1A

■ 28141E

■ 280818

■ 281820

■ 280416

■ 281C22

■ 280014

■ 282024

■ 282426

■ 282828

■ 282C2A

■ 28302C

■ 28342E

Harmonies

Analogous

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



201325



28101C



2A1011

Triad

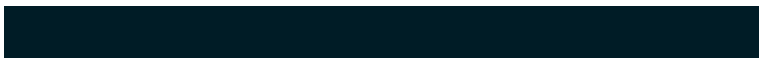
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28101C



1A1900



001C26

Complementary

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



28101C



10281C

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.



001D1E



28101C



0C1C06

Square

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



28101C



221600



001D13



001A2B

Rectangle

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



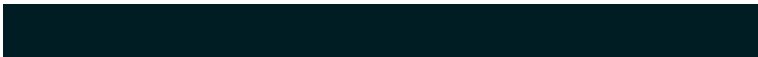
28101C



291108



001D13



001D24

Sweetspot

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



28101C



332A2E



1C1028



1A1417



999999



1A1A1A

Same Dimension

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



28101C



330E21



281010



141213



54002A



D4006A

Inverse Universe

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



28101C



330E21



102828



141213



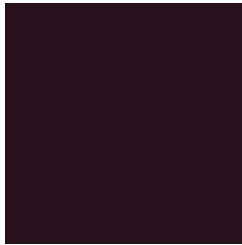
54002A



D4006A

Previews

White Background



This preview shows how the Hex color 28101C looks on a white background.

Color Contrast Check

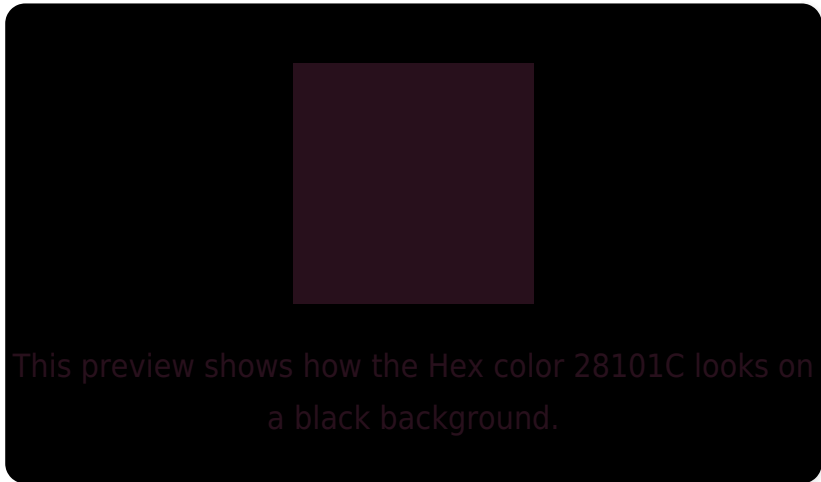
Large Text (above 18pt) WCAG AA ✓ Pass

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

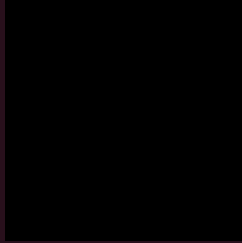
Any Text WCAG AA × Fail

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 28101C Background



This preview shows how black text looks on a background with the Hex color 28101C.



This preview shows how white text looks on a background with the Hex color 28101C.

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
28101C

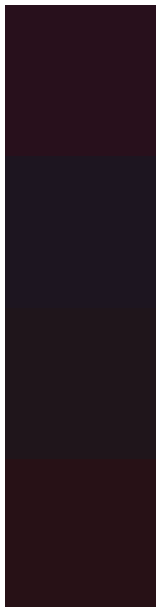
Protanopia
161822

Deuteranopia
1A181B



Tritanopia
271213

Trichromacy



Original Color

28101C

Protanomaly

1D1520

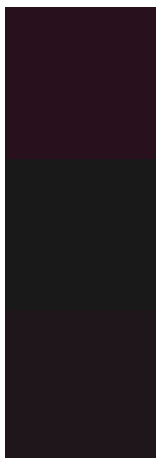
Deuteranomaly

1F151B

Tritanomaly

271116

Monochromacy



Original Color

28101C

Achromatopsia

191919

Achromatomaly

1E161A

CSS Examples

Text

The CSS property to change the color of the text to Hex 28101C 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 #28101C looks like.

```
.text, #text, p{  
    color:#28101C  
}
```

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 #28101C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28101C
}
```

Border

The CSS property to change the border of an element to Hex 28101C 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".

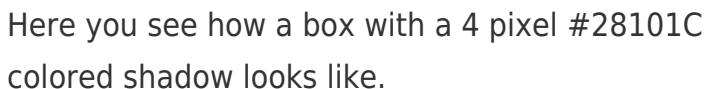
```
.border, #border, table{ border:4px solid
#28101C }
```

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

```
.border{ border-color:#28101C }
```

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

Here you see how a box with a 4 pixel #28101C colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28101C; -webkit-box-shadow:4px 4px  
4px 4px #28101C; box-shadow:4px 4px 4px  
4px #28101C }
```

Background

The CSS property to change the background color of an element to Hex 28101C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28101C }
```

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

```
.background{ background-color:#28101C }
```

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