

Converting Colors

Hex(28051B)

Have a look what the booklet for
Hex(28051B) contains.

Hex(28051B)	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(28051B)

Conversions

Conversions Part 1

Format	Color
Hex	28051B
RGB	40, 5, 27
RGB Percent	16%, 2%, 11%
CMY	0.8431, 0.9804, 0.8941
CMYK	0.00, 0.87, 0.33, 0.84
HSL	322°, 78%, 9%
HSV	322°, 88%, 16%
XYZ	1.1272, 0.6388, 1.1008
YIQ	17.9730, 13.7980, 14.2620

Conversions

Conversions Part 2

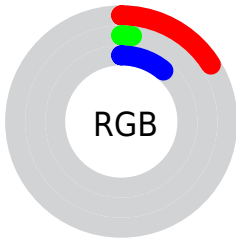
Format	Color
R_{YB}	40, 5, 27
Decimal	2622747
CIE Lab	5.77, 20.18, -5.71
CIE LCh	6, 20.977, 344.201
Yxy	0.6388, 0.3932, 0.2228
Android (android.graphics.Color)	4280812827 (0xFF28051B)
YUV	17.9730, 4.4503, 19.3177
Hunter-Lab	7.9924, 11.1871, -2.5713

Details

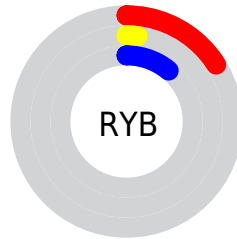
The Hex color **28051B** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **052812**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **563146**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **28011A**, and if you desaturate by 10%, it is **28091C**.

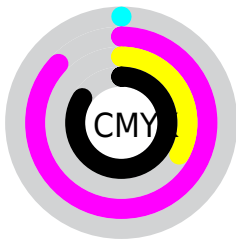
Distribution



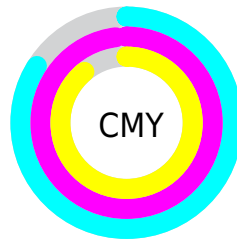
- Red (16%)
- Green (2%)
- Blue (11%)



- Red (16%)
- Yellow (2%)
- Blue (11%)



- Cyan (0%)
- Magenta (87%)
- Yellow (33%)
- Black (84%)



- Cyan (84%)
- Magenta (98%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28051B 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 28051B by changing the saturation by 10% instead.

 28051B

 28051B

 FFE6FE

 050000

 563146

 000000

 6F485E

 896076

 A47990

 BF93AA

 DBAEC6

 F8CAE2

 28051B

 28051B

■ 28011A

■ 28091C

■ 280019

■ 280D1E

■ 28111F

■ 281521

■ 281922

■ 281D24

■ 282125

■ 282527

■ 282928

Harmonies

Analogous

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



1C0B27



28051B



2C0409

Triad

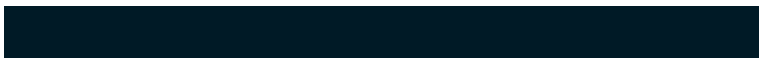
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28051B



111500



001A26

Complementary

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



28051B



052812

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.



001C19



28051B



001900

Square

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



28051B



200F00



001B06



00172D

Rectangle

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



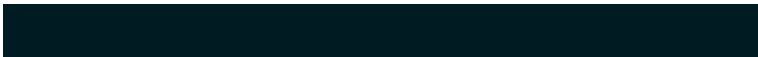
28051B



2B0600



001B06



001B22

Sweetspot

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



28051B



33262E



120528



1A1217



999999



1A1A1A

Same Dimension

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



28051B



330020



28050A



141214



540035



D40085

Inverse Universe

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



28051B



330020



052823



141214



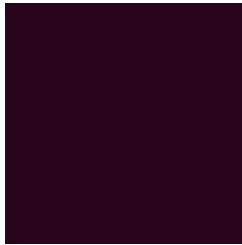
540035



D40085

Previews

White Background



This preview shows how the Hex color 28051B looks on a white background.

Color Contrast Check

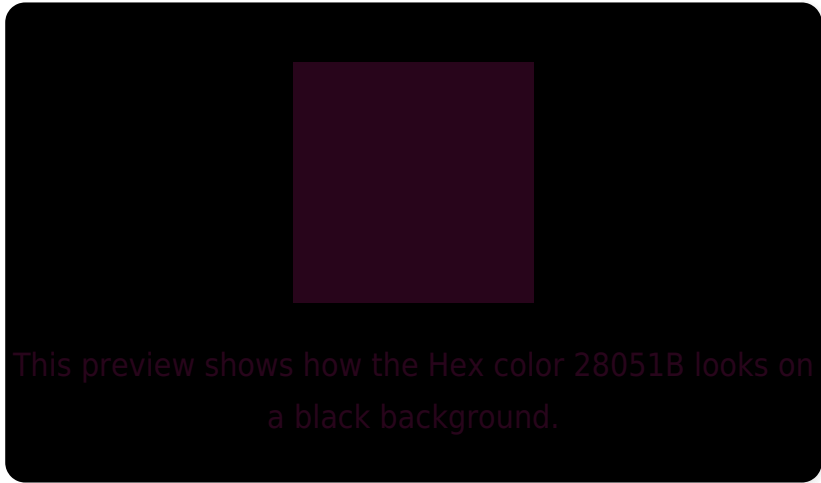
Large Text (above 18pt) WCAG AA ✓ Pass

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

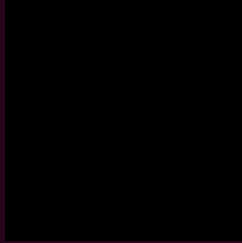
Any Text WCAG AA × Fail

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 28051B Background



This preview shows how black text looks on a background with the Hex color 28051B.



This preview shows how white text looks on a background with the Hex color 28051B.

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](#).

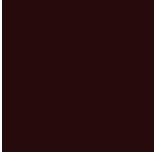
Dichromacy



Original Color
28051B

Protanopia
0E1526

Deuteranopia
161519



Tritanopia
270B0C

Trichromacy



Original Color
28051B

Protanomaly
170F22

Deuteranomaly
1D0F1A

Tritanomaly
270911

Monochromacy



Original Color
28051B

Achromatopsia
121212

Achromatomaly
1A0D15

CSS Examples

Text

The CSS property to change the color of the text to Hex 28051B 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 #28051B looks like.

```
.text, #text, p{  
    color:#28051B  
}
```

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 #28051B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28051B
}
```

Border

The CSS property to change the border of an element to Hex 28051B 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".

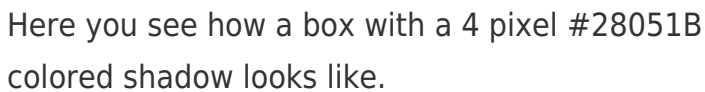
```
.border, #border, table{ border:4px solid
#28051B }
```

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

```
.border{ border-color:#28051B }
```

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

Here you see how a box with a 4 pixel #28051B colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28051B; -webkit-box-shadow:4px 4px  
4px 4px #28051B; box-shadow:4px 4px 4px  
4px #28051B }
```

Background

The CSS property to change the background color of an element to Hex 28051B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28051B }
```

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

```
.background{ background-color:#28051B }
```

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