

# Converting Colors

Hex(2B051C)

Have a look what the booklet for  
Hex(2B051C) contains.

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**Color**

**Hex(2B051C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B051C
RGB	43, 5, 28
RGB Percent	17%, 2%, 11%
CMY	0.8314, 0.9804, 0.8902
CMYK	0.00, 0.88, 0.35, 0.83
HSL	324°, 79%, 9%
HSV	324°, 88%, 17%
XYZ	1.2601, 0.7060, 1.1685
YIQ	18.9840, 15.2650, 15.2090

# Conversions

## Conversions Part 2

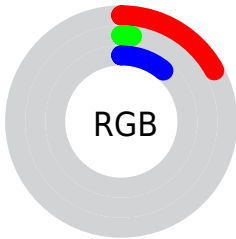
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 5, 28
Decimal	2819356
CIE Lab	6.38, 21.89, -5.53
CIE LCh	6, 22.575, 345.812
Yxy	0.7060, 0.4020, 0.2252
Android (android.graphics.Color)	4281009436 (0xFF2B051C)
YUV	18.9840, 4.4449, 21.0620
Hunter-Lab	8.4022, 12.0669, -2.3636

# Details

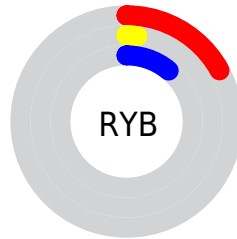
The Hex color **2B051C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **052B14**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **5A3147**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B011A**, and if you desaturate by 10%, it is **2B091E**.

# Distribution



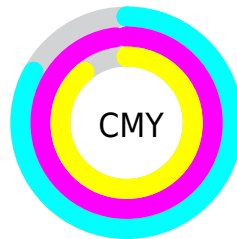
- Red (17%)
- Green (2%)
- Blue (11%)



- Red (17%)
- Yellow (2%)
- Blue (11%)



- Cyan (0%)
- Magenta (88%)
- Yellow (35%)
- Black (83%)



- Cyan (83%)
- Magenta (98%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B051C 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 2B051C by changing the saturation by 10% instead.



 2B051C

 2B051C

 FFE6FF

 0F0000

 5A3147

 000000

 73495F

 8E6178

 A87A91

 C494AC

 E0AFC7

 FDCAE3

 2B051C

 2B051C

■ 2B011A

■ 2B091E

■ 2B001A

■ 2B0E1F

■ 2B1221

■ 2B1623

■ 2B1A24

■ 2B1F26

■ 2B2328

■ 2B272A

■ 2B2C2B

# Harmonies

## Analogous

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



1F0C29



2B051C



2F0409

# Triad

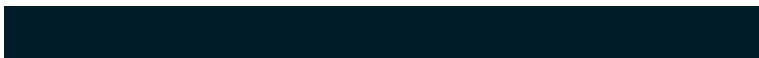
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2B051C



121600



001C29

# Complementary

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



2B051C



052B14

# 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.



001D1C



2B051C



001A00

# Square

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



2B051C



211100



001D09



001831

# Rectangle

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



2B051C



2D0700



001D09



001C25



# Sweetspot

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



2B051C



382932



14052B



1C1319



9C9C9C



1C1C1C



# Same Dimension

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



2B051C



380022



2B0509



141214



540033



D40080



# Inverse Universe

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



2B051C



380022



052B27



141214



540033

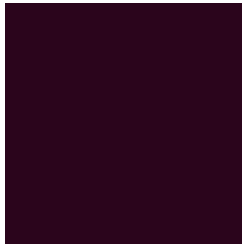


D40080



# Previews

## White Background



This preview shows how the Hex color 2B051C looks on a white background.

## Color Contrast Check

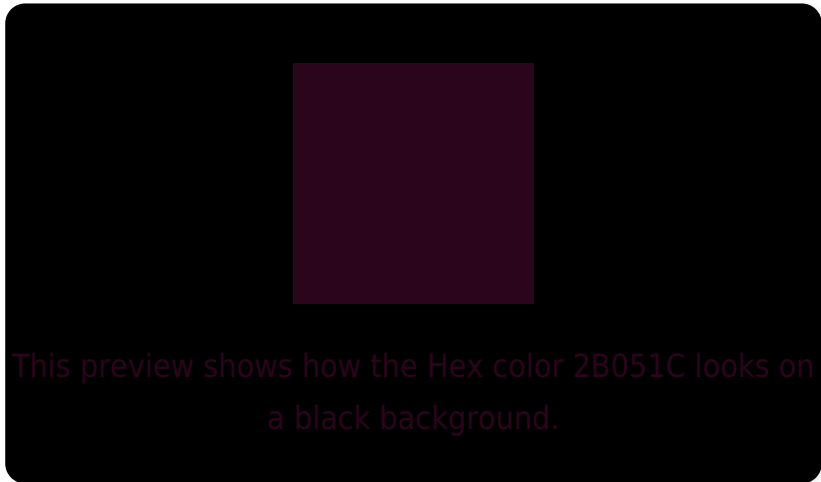
Large Text (above 18pt) WCAG AA ✓ Pass

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

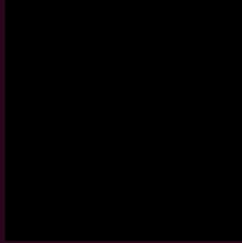
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2B051C Background



This preview shows how black text looks on a background with the Hex color 2B051C.



This preview shows how white text looks on a background with the Hex color 2B051C.

# 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**  
2B051C

**Protanopia**  
101727

**Deuteranopia**  
18171A



# Trichromacy



**Original Color**  
2B051C

**Protanomaly**  
1A1023

**Deuteranomaly**  
1F101B

**Tritanomaly**  
2A0912

# Monochromacy



**Original Color**  
2B051C

**Achromatopsia**  
131313

**Achromatomaly**  
1C0E16

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B051C 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 #2B051C looks like.

```
.text, #text, p{  
    color:#2B051C  
}
```

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 #2B051C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B051C
}
```

## Border

The CSS property to change the border of an element to Hex 2B051C is called "border". The border property can be set on classes, ids or directly on the HTML element.

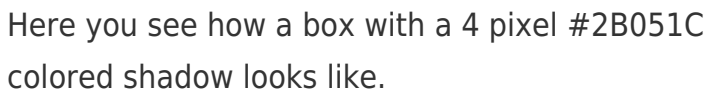
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B051C }
```

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

```
.border{ border-color:#2B051C }
```

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



Here you see how a box with a 4 pixel #2B051C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B051C; -webkit-box-shadow:4px 4px  
4px 4px #2B051C; box-shadow:4px 4px 4px  
4px #2B051C }
```

# Background

The CSS property to change the background color of an element to Hex 2B051C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B051C }
```

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

```
.background{ background-color:#2B051C }
```

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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