

# Converting Colors

Hex(2B181E)

Have a look what the booklet for  
Hex(2B181E) contains.

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# Color

**Hex(2B181E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B181E
RGB	43, 24, 30
RGB Percent	17%, 9%, 12%
CMY	0.8314, 0.9059, 0.8824
CMYK	0.00, 0.44, 0.30, 0.83
HSL	341°, 28%, 13%
HSV	341°, 44%, 17%
XYZ	1.5572, 1.2606, 1.3895
YIQ	30.3650, 9.3980, 5.8940

# Conversions

## Conversions Part 2

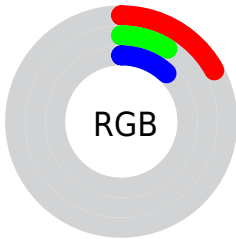
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 24, 30
Decimal	2824222
CIELab	11.00, 10.63, -0.19
CIELCh	11, 10.627, 358.970
Yxy	1.2606, 0.3701, 0.2996
Android (android.graphics.Color)	4281014302 (0xFF2B181E)
YUV	30.3650, -0.1799, 11.0809
Hunter-Lab	11.2276, 5.1091, 0.5216

# Details

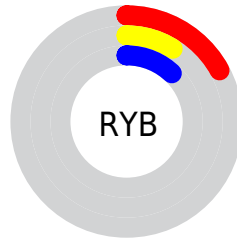
The Hex color **2B181E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **182B25**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **59434A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B141B**, and if you desaturate by 10%, it is **2B1C21**.

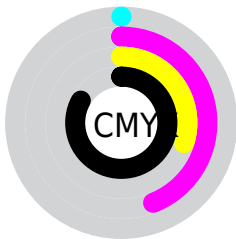
# Distribution



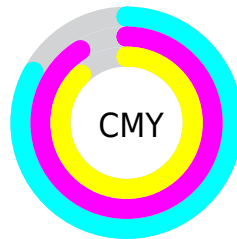
- Red (17%)
- Green (9%)
- Blue (12%)



- Red (17%)
- Yellow (9%)
- Blue (12%)



- Cyan (0%)
- Magenta (44%)
- Yellow (30%)
- Black (83%)



- Cyan (83%)
- Magenta (91%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B181E 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 2B181E by changing the saturation by 10% instead.



 2B181E

 2B181E

 FFFBFF

 190005

 59434A

 000000

 725B61

 8B737A

 A68D94

 C1A7AE

 DDC3CA

 FADEE6

 2B181E

 2B181E

■ 2B141B

■ 2B1C21

■ 2B0F18

■ 2B2124

■ 2B0B15

■ 2B2527

■ 2B0712

■ 2B292A

■ 2B020F

■ 2B2E2D

■ 2B000E

■ 2B3230

■ 2B3633

■ 2B3A36

■ 2B3F38

# Harmonies

## Analogous

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



261925



2B181E



2C1917

# Triad

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



2B181E



1B1F10



08202A

# Complementary

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



2B181E



182B25

# 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.



052124



2B181E



132116

# Square

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



2B181E



231D0E



0A211D



131E2C

# Rectangle

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



2B181E



2A1A13



0A211D



062128



# Sweetspot

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



2B181E



383133



25182B



1C1819



9C9C9C



1C1C1C



# Same Dimension

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



2B181E



381A24



2B1B18



141213



54001B



D40043



# Inverse Universe

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



2B181E



381A24



18282B



141213



54001B

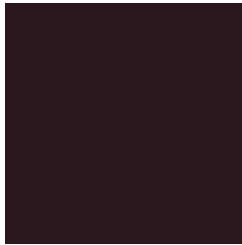


D40043



# Previews

## White Background



This preview shows how the Hex color 2B181E looks on a white background.

## Color Contrast Check

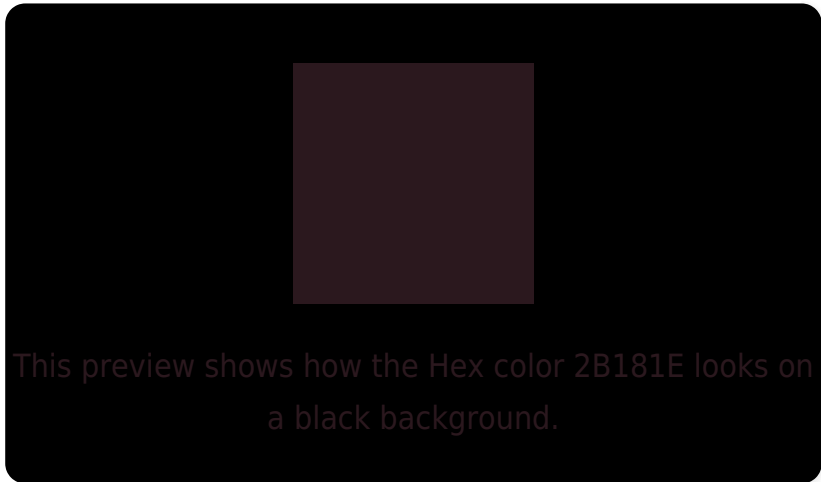
Large Text (above 18pt) WCAG AA ✓ Pass

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

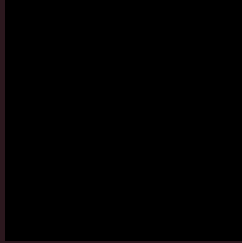
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2B181E Background



This preview shows how black text looks on a background with the Hex color 2B181E.



This preview shows how white text looks on a background with the Hex color 2B181E.

# 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**  
2B181E

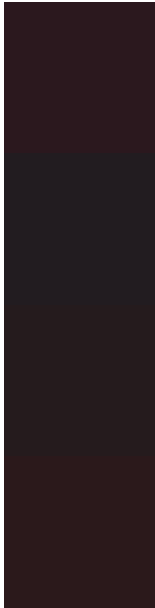
**Protanopia**  
1D1E21

**Deuteranopia**  
211D1D



**Tritanopia**  
2B191A

# Trichromacy



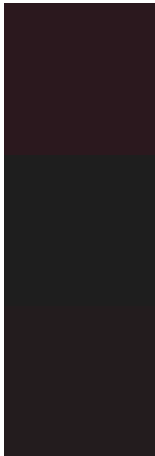
**Original Color**  
2B181E

**Protanomaly**  
221C20

**Deuteranomaly**  
251B1D

**Tritanomaly**  
2B191B

# Monochromacy



**Original Color**  
2B181E

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
231C1E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B181E 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 #2B181E looks like.

```
.text, #text, p{  
  color:#2B181E  
}
```

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 #2B181E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B181E
}
```

## Border

The CSS property to change the border of an element to Hex 2B181E is called "border". The border property can be set on classes, ids or directly on the HTML element.

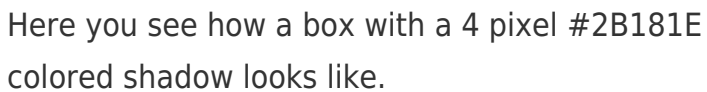
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B181E }
```

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

```
.border{ border-color:#2B181E }
```

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



Here you see how a box with a 4 pixel #2B181E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B181E; -webkit-box-shadow:4px 4px  
4px 4px #2B181E; box-shadow:4px 4px 4px  
4px #2B181E }
```

# Background

The CSS property to change the background color of an element to Hex 2B181E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B181E }
```

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

```
.background{ background-color:#2B181E }
```

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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