

Converting Colors

Hex(2B1830)

Have a look what the booklet for
Hex(2B1830) contains.

Hex(2B1830)	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(2B1830)

Conversions

Conversions Part 1

Format	Color
Hex	2B1830
RGB	43, 24, 48
RGB Percent	17%, 9%, 19%
CMY	0.8314, 0.9059, 0.8118
CMYK	0.10, 0.50, 0.00, 0.81
HSL	288°, 33%, 14%
HSV	288°, 50%, 19%
XYZ	1.8564, 1.3803, 2.9649
YIQ	32.4170, 3.6200, 11.4920

Conversions

Conversions Part 2

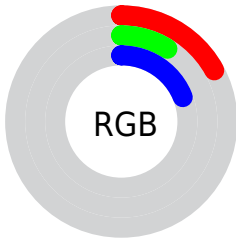
Format	Color
R_YB	43, 24, 48
Decimal	2824240
CIE Lab	11.83, 14.71, -12.19
CIE LCh	12, 19.111, 320.349
Yxy	1.3803, 0.2993, 0.2226
Android (android.graphics.Color)	4281014320 (0xFF2B1830)
YUV	32.4170, 7.6824, 9.2813
Hunter-Lab	11.7484, 7.6454, -6.7387

Details

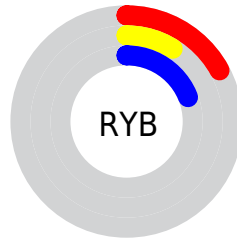
The Hex color **2B1830** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1D3018**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **59435E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A1330**, and if you desaturate by 10%, it is **2C1D30**.

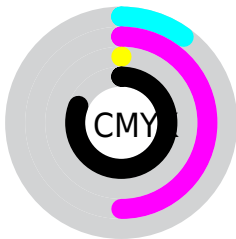
Distribution



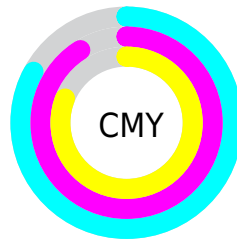
- Red (17%)
- Green (9%)
- Blue (19%)



- Red (17%)
- Yellow (9%)
- Blue (19%)



- Cyan (10%)
- Magenta (50%)
- Yellow (0%)
- Black (81%)



- Cyan (83%)
- Magenta (91%)
- Yellow (81%)
- Black (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B1830 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 2B1830 by changing the saturation by 10% instead.

■ 2B1830

■ 2B1830

■ FFFCFF

■ 18001B

■ 59435E

■ 000000

■ 725B77

■ 8B7491

■ A68DAB

■ C1A8C6

■ DDC3E2

■ FADFFF

■ 2B1830

■ 2B1830

■ 2A1330

■ 2C1D30

■ 290E30

■ 2D2230

■ 280A30

■ 2E2630

■ 270530

■ 2F2B30

■ 260030

■ 303030

■ 313530

■ 323A30

■ 333E30

■ 344330

Harmonies

Analogous

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



181D38



2B1830



351424

Triad

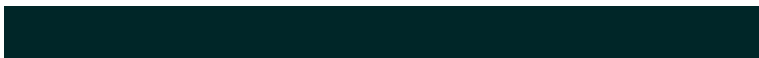
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2B1830



2B1D00



002628

Complementary

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



2B1830



1D3018

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.



00251A



2B1830



1F2100

Square

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



2B1830



331808



0F240C



002433

Rectangle

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



2B1830



37131B



0F240C



002623

Sweetspot

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



2B1830



3B343D



181D30



1D191F



9E9E9E



1F1F1F

Same Dimension

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



2B1830



36183D



301829



161517



450057



AA00D6

Inverse Universe

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



30181D



3D1820



18301F



171515



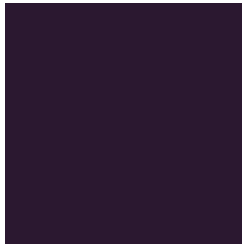
570012



D6002D

Previews

White Background



This preview shows how the Hex color 2B1830 looks on a white background.

Color Contrast Check

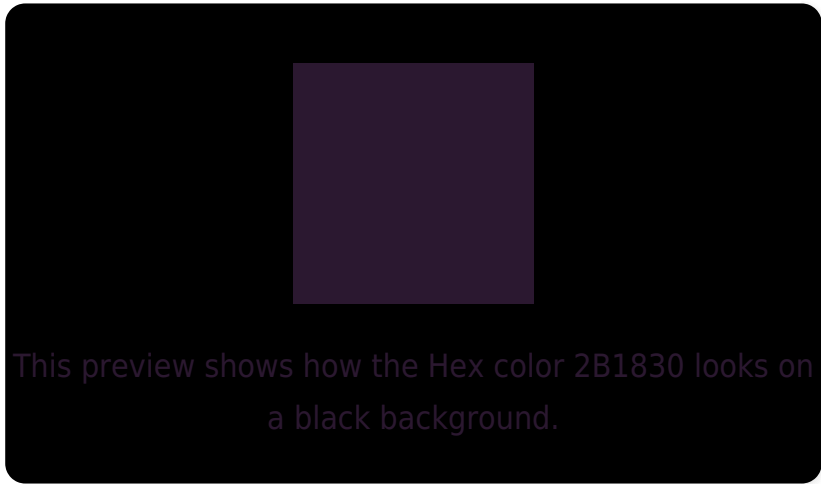
Large Text (above 18pt) WCAG AA ✓ Pass

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

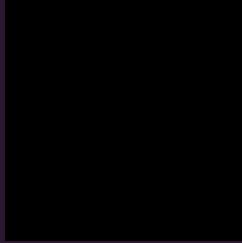
Any Text WCAG AA × Fail

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 2B1830 Background



This preview shows how black text looks on a background with the Hex color 2B1830.



This preview shows how white text looks on a background with the Hex color 2B1830.

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
2B1830

Protanopia
161F36

Deuteranopia
191F2F



Tritanopia
291C1E

Trichromacy



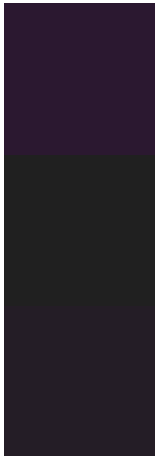
Original Color
2B1830

Protanomaly
1E1C34

Deuteranomaly
201C2F

Tritanomaly
2A1B25

Monochromacy



Original Color
2B1830

Achromatopsia
202020

Achromatomaly
241D26

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B1830 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 #2B1830 looks like.

```
.text, #text, p{  
    color:#2B1830  
}
```

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 #2B1830 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B1830  
}
```

Border

The CSS property to change the border of an element to Hex 2B1830 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".

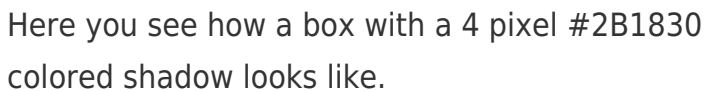
```
.border, #border, table{ border:4px solid  
#2B1830 }
```

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

```
.border{ border-color:#2B1830 }
```

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

Here you see how a box with a 4 pixel #2B1830 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B1830; -webkit-box-shadow:4px 4px  
4px 4px #2B1830; box-shadow:4px 4px 4px  
4px #2B1830 }
```

Background

The CSS property to change the background color of an element to Hex 2B1830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B1830 }
```

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

```
.background{ background-color:#2B1830 }
```

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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