

Converting Colors

Hex(2B1A00)

Have a look what the booklet for
Hex(2B1A00) contains.

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Color

Hex(2B1A00)

Conversions

Conversions Part 1

Format	Color
Hex	2B1A00
RGB	43, 26, 0
RGB Percent	17%, 10%, 0%
CMY	0.8314, 0.8980, 1.0000
CMYK	0.00, 0.40, 1.00, 0.83
HSL	36°, 100%, 8%
HSV	36°, 100%, 17%
XYZ	1.3657, 1.2524, 0.1698
YIQ	28.1190, 18.4780, -4.4820

Conversions

Conversions Part 2

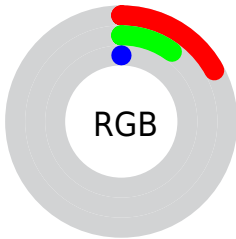
Format	Color
RYB	28, 43, 0
Decimal	2824704
CIELab	10.94, 5.44, 16.43
CIElCh	11, 17.309, 71.678
Yxy	1.2524, 0.4899, 0.4492
Android (android.graphics.Color)	4281014784 (0xFF2B1A00)
YUV	28.1190, -13.8627, 13.0506
Hunter-Lab	11.1910, 2.1985, 6.9343

Details

The Hex color **2B1A00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **00112B**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **59452F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B1A00**, and if you desaturate by 10%, it is **2B1C04**.

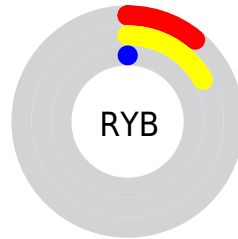
Distribution



Red (17%)

Green (10%)

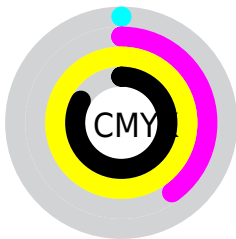
Blue (0%)



Red (11%)

Yellow (17%)

Blue (0%)

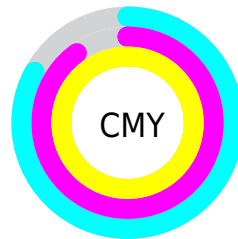


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (83%)



Cyan (83%)

Magenta (90%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B1A00 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 2B1A00 by changing the saturation by 10% instead.

 2B1A00

 2B1A00

 FFFDE2

 120000

 59452F

 000000

 735D46

 8D755E

 A78F76

 C3A990

 DFC5AB

 FCE0C6

 2B1A00

■ 2B1C04

■ 2B1D09

■ 2B1F0D

■ 2B2111

■ 2B2316

■ 2B241A

■ 2B261E

■ 2B2822

■ 2B2927

Harmonies

Analogous

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



31160C



2B1A00



211E00

Triad

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



2B1A00



002322



24182F

Complementary

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



2B1A00



00112B

Split Complementary

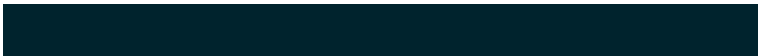
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



111D34



2B1A00



00232D

Square

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



2B1A00



012316



002134



2F1425

Rectangle

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



2B1A00



192003



002134



1F1A31

Sweetspot

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



2B1A00



383127



2B0011



1C1812



9C9C9C



1C1C1C

Same Dimension

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



2B1A00



382200



272B00



141412



543300



D48000

Inverse Universe

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



00112B



001638



04002B



121314



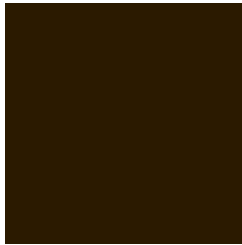
002154



0054D4

Previews

White Background



This preview shows how the Hex color 2B1A00 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

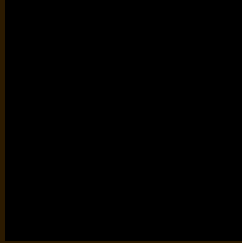
Any Text WCAG AA × Fail

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 2B1A00 Background



This preview shows how black text looks on a background with the Hex color 2B1A00.



This preview shows how white text looks on a background with the Hex color 2B1A00.

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
2B1A00

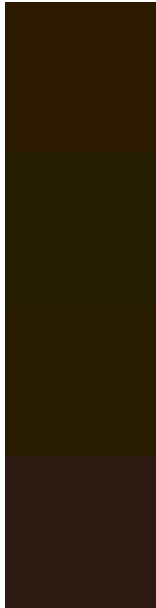
Protanopia
221E03

Deuteranopia
261D00



Tritanopia
2C181A

Trichromacy



Original Color
2B1A00

Protanomaly
251D02

Deuteranomaly
281C00

Tritanomaly
2C1911

Monochromacy



Original Color
2B1A00

Achromatopsia
1C1C1C

Achromatomaly
211B12

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B1A00 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 #2B1A00 looks like.

```
.text, #text, p{  
    color:#2B1A00  
}
```

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 #2B1A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B1A00
}
```

Border

The CSS property to change the border of an element to Hex 2B1A00 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".

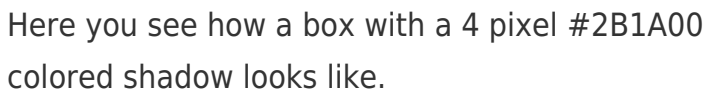
```
.border, #border, table{ border:4px solid
#2B1A00 }
```

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

```
.border{ border-color:#2B1A00 }
```

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

Here you see how a box with a 4 pixel #2B1A00 colored shadow looks like.

A rectangular box with a dark brown border and a dark brown shadow. The shadow is cast to the right and bottom of the box, giving it a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #2B1A00 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B1A00; -webkit-box-shadow:4px 4px  
4px 4px #2B1A00; box-shadow:4px 4px 4px  
4px #2B1A00 }
```

Background

The CSS property to change the background color of an element to Hex 2B1A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B1A00 }
```

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

```
.background{ background-color:#2B1A00 }
```

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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