

Converting Colors

Hex(2C1A00)

Have a look what the booklet for
Hex(2C1A00) contains.

Hex(2C1A00)	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(2C1A00)

Conversions

Conversions Part 1

Format	Color
Hex	2C1A00
RGB	44, 26, 0
RGB Percent	17%, 10%, 0%
CMY	0.8275, 0.8980, 1.0000
CMYK	0.00, 0.41, 1.00, 0.83
HSL	35°, 100%, 9%
HSV	35°, 100%, 17%
XYZ	1.4081, 1.2743, 0.1717
YIQ	28.4180, 19.0740, -4.2700

Conversions

Conversions Part 2

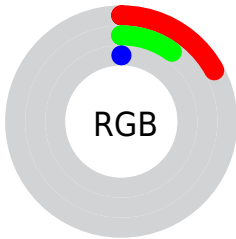
Format	Color
RYB	30, 44, 0
Decimal	2890240
CIELab	11.09, 6.02, 16.67
CIELCh	11, 17.724, 70.160
Yxy	1.2743, 0.4934, 0.4465
Android (android.graphics.Color)	4281080320 (0xFF2C1A00)
YUV	28.4180, -14.0101, 13.6654
Hunter-Lab	11.2883, 2.5115, 6.9998

Details

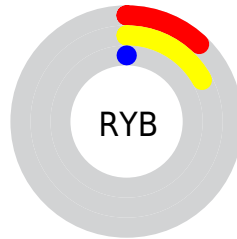
The Hex color **2C1A00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **00122C**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **5B452F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C1A00**, and if you desaturate by 10%, it is **2C1C04**.

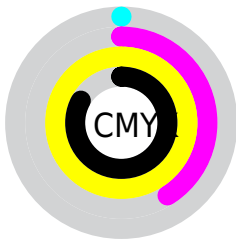
Distribution



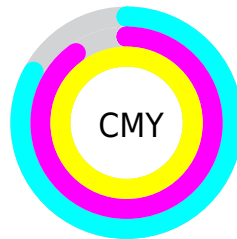
- Red (17%)
- Green (10%)
- Blue (0%)



- Red (12%)
- Yellow (17%)
- Blue (0%)



- Cyan (0%)
- Magenta (41%)
- Yellow (100%)
- Black (83%)



- Cyan (83%)
- Magenta (90%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C1A00 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 2C1A00 by changing the saturation by 10% instead.

 2C1A00

 2C1A00

 FFFDE2

 130000

 5B452F

 000000

 745D46

 8E755E

 A98F76

 C5A990

 E1C5AB

 FEE1C6

 2C1A00

■ 2C1C04

■ 2C1E09

■ 2C1F0D

■ 2C2112

■ 2C2316

■ 2C251A

■ 2C271F

■ 2C2823

■ 2C2A28

Harmonies

Analogous

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



32160D



2C1A00



221E00

Triad

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



2C1A00



002422



241930

Complementary

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



2C1A00



00122C

Split Complementary

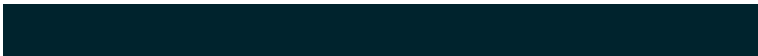
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0F1E35



2C1A00



00232D

Square

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



2C1A00



022315



002134



301426

Rectangle

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



2C1A00



1A2002



002134



1E1A33

Sweetspot

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



2C1A00



383127



2C0012



1C1812



9C9C9C



1C1C1C

Same Dimension

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



2C1A00



382100



282C00



171615



573300



D67F00

Inverse Universe

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



00122C



001738



04002C



151617



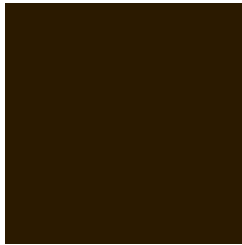
002357



0058D6

Previews

White Background



This preview shows how the Hex color 2C1A00 looks on a white background.

Color Contrast Check

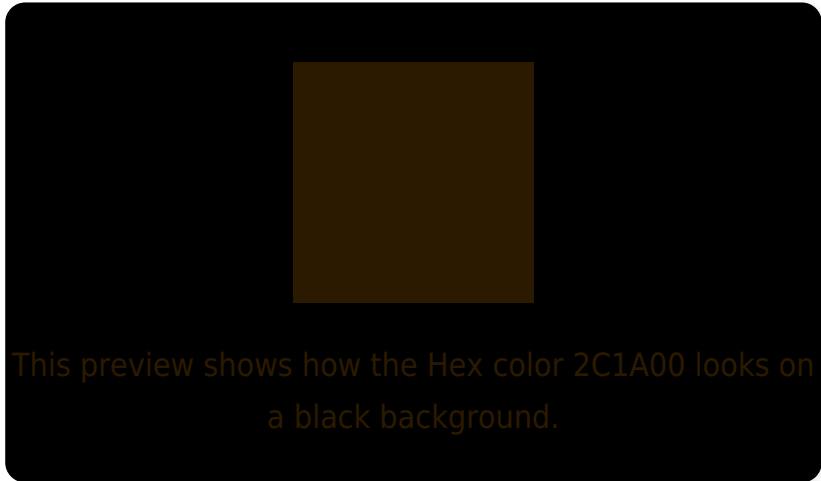
Large Text (above 18pt) WCAG AA ✓ Pass

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

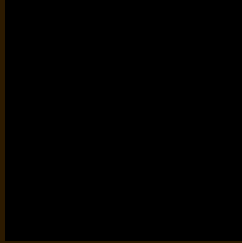
Any Text WCAG AA × Fail

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 2C1A00 Background



This preview shows how black text looks on a background with the Hex color 2C1A00.

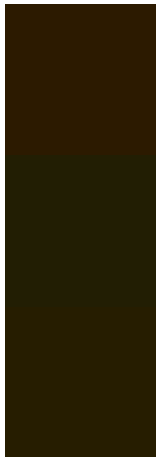


This preview shows how white text looks on a background with the Hex color 2C1A00.

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
2C1A00

Protanopia
221E03

Deuteranopia
261D00



Tritanopia
2D181A

Trichromacy



Original Color

2C1A00

Protanomaly

261D02

Deuteranomaly

281C00

Tritanomaly

2D1911

Monochromacy



Original Color

2C1A00

Achromatopsia

1C1C1C

Achromatomaly

221B12

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C1A00 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 #2C1A00 looks like.

```
.text, #text, p{  
    color:#2C1A00  
}
```

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 #2C1A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C1A00  
}
```

Border

The CSS property to change the border of an element to Hex 2C1A00 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  
#2C1A00 }
```

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

```
.border{ border-color:#2C1A00 }
```

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

Here you see how a box with a 4 pixel #2C1A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C1A00; -webkit-box-shadow:4px 4px  
4px 4px #2C1A00; box-shadow:4px 4px 4px  
4px #2C1A00 }
```

Background

The CSS property to change the background color of an element to Hex 2C1A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C1A00 }
```

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

```
.background{ background-color:#2C1A00 }
```

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