

Converting Colors

Hex(2A1E00)

Have a look what the booklet for
Hex(2A1E00) contains.

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Color

Hex(2A1E00)

Conversions

Conversions Part 1

Format	Color
Hex	2A1E00
RGB	42, 30, 0
RGB Percent	16%, 12%, 0%
CMY	0.8353, 0.8824, 1.0000
CMYK	0.00, 0.29, 1.00, 0.84
HSL	43°, 100%, 8%
HSV	43°, 100%, 16%
XYZ	1.4191, 1.4208, 0.1994
YIQ	30.1680, 16.7820, -6.7860

Conversions

Conversions Part 2

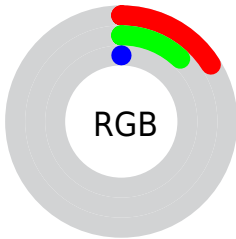
Format	Color
RYB	17, 42, 0
Decimal	2760192
CIELab	12.10, 2.02, 18.00
CIElCh	12, 18.114, 83.598
Yxy	1.4208, 0.4669, 0.4675
Android (android.graphics.Color)	4280950272 (0xFF2A1E00)
YUV	30.1680, -14.8728, 10.3767
Hunter-Lab	11.9197, 0.3922, 7.3517

Details

The Hex color **2A1E00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000C2A**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **584A2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A1E00**, and if you desaturate by 10%, it is **2A1F04**.

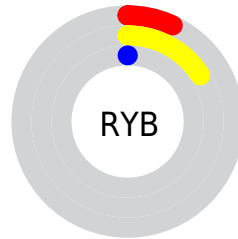
Distribution



Red (16%)

Green (12%)

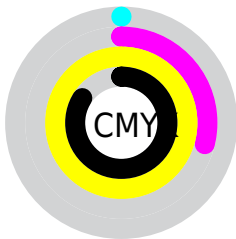
Blue (0%)



Red (7%)

Yellow (16%)

Blue (0%)

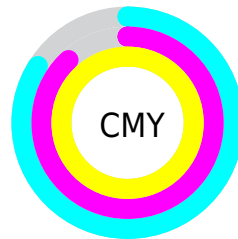


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (84%)



Cyan (84%)

Magenta (88%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A1E00 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 2A1E00 by changing the saturation by 10% instead.

 2A1E00


 2A1E00

 FFFFE2

 100600

 584A2F

 000000

 716146

 8B7A5E

 A69476

 C1AE90

 DDCAAB

 FAE6C6

 2A1E00

■ 2A1F04

■ 2A2008

■ 2A220D

■ 2A2311

■ 2A2415

■ 2A2519

■ 2A261D

■ 2A2822

■ 2A2926

Harmonies

Analogous

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



321909



2A1E00



1E2203

Triad

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



2A1E00



002629



2C182F

Complementary

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



2A1E00



000C2A

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.



1C1D37



2A1E00



002533

Square

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



2A1E00



00261D



002238



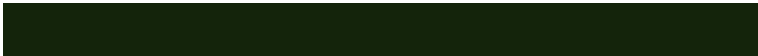
351523

Rectangle

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



2A1E00



14240B



002238



281A32

Sweetspot

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



2A1E00



363125



2A000D



1C1912



9C9C9C



1C1C1C

Same Dimension

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



2A1E00



362600



222A00



141412



543C00



D49700

Inverse Universe

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



000C2A



000F36



08002A



121314



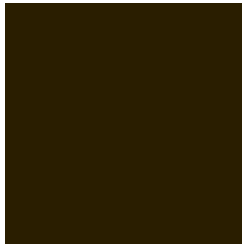
001854



003CD4

Previews

White Background



This preview shows how the Hex color 2A1E00 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

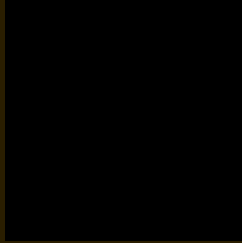
Any Text WCAG AA × Fail

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 2A1E00 Background



This preview shows how black text looks on a background with the Hex color 2A1E00.

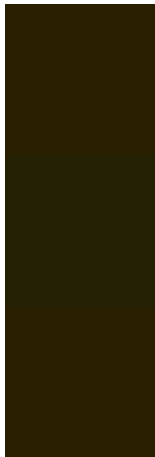


This preview shows how white text looks on a background with the Hex color 2A1E00.

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
2A1E00

Protanopia
242003

Deuteranopia
291F00



Tritanopia
2B1C1E

Trichromacy



Original Color
2A1E00

Protanomaly
261F02

Deuteranomaly
291F00

Tritanomaly
2B1D13

Monochromacy



Original Color
2A1E00

Achromatopsia
1E1E1E

Achromatomaly
221E13

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A1E00 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 #2A1E00 looks like.

```
.text, #text, p{  
    color:#2A1E00  
}
```

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 #2A1E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A1E00
}
```

Border

The CSS property to change the border of an element to Hex 2A1E00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

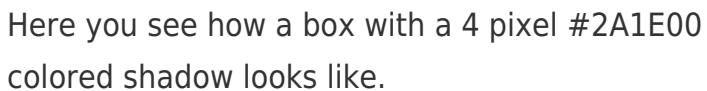
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A1E00 }
```

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

```
.border{ border-color:#2A1E00 }
```

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



Here you see how a box with a 4 pixel #2A1E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A1E00; -webkit-box-shadow:4px 4px  
4px 4px #2A1E00; box-shadow:4px 4px 4px  
4px #2A1E00 }
```

Background

The CSS property to change the background color of an element to Hex 2A1E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A1E00 }
```

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

```
.background{ background-color:#2A1E00 }
```

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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