

Converting Colors

Hex(2A1E03)

Have a look what the booklet for
Hex(2A1E03) contains.

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Color

Hex(2A1E03)

Conversions

Conversions Part 1

Format	Color
Hex	2A1E03
RGB	42, 30, 3
RGB Percent	16%, 12%, 1%
CMY	0.8353, 0.8824, 0.9882
CMYK	0.00, 0.29, 0.93, 0.84
HSL	42°, 87%, 9%
HSV	42°, 93%, 16%
XYZ	1.4356, 1.4274, 0.2860
YIQ	30.5100, 15.8190, -5.8530

Conversions

Conversions Part 2

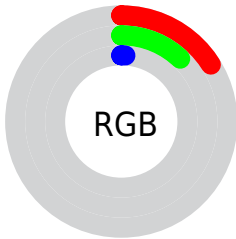
Format	Color
RYB	20, 42, 3
Decimal	2760195
CIELab	12.14, 2.31, 16.84
CIELCh	12, 16.995, 82.199
Yxy	1.4274, 0.4559, 0.4533
Android (android.graphics.Color)	4280950275 (0xFF2A1E03)
YUV	30.5100, -13.5624, 10.0767
Hunter-Lab	11.9472, 0.5406, 6.9438

Details

The Hex color **2A1E03** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **030F2A**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **584A31**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A1D00**, and if you desaturate by 10%, it is **2A1F07**.

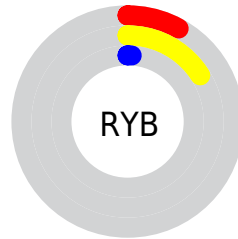
Distribution



Red (16%)

Green (12%)

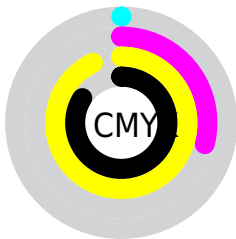
Blue (1%)



Red (8%)

Yellow (16%)

Blue (1%)

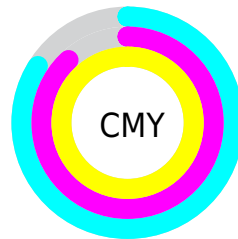


Cyan (0%)

Magenta (29%)

Yellow (93%)

Black (84%)



Cyan (84%)

Magenta (88%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A1E03 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 2A1E03 by changing the saturation by 10% instead.

 2A1E03


 2A1E03

 FFFFE4

 110600

 584A31

 000000

 716148

 8B7A60

 A69479

 C1AE92

 DDCAAD

 FAE6C8

 2A1E03

 2A1E03

■ 2A1D00

■ 2A1F07

■ 2A210B

■ 2A2210

■ 2A2314

■ 2A2418

■ 2A261C

■ 2A2720

■ 2A2825

■ 2A2A29

Harmonies

Analogous

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



321A0C



2A1E03



1F2205

Triad

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



2A1E03



002628



2B192E

Complementary

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



2A1E03



030F2A

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.



1C1E35



2A1E03



002532

Square

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



2A1E03



00251C



022237



341623

Rectangle

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



2A1E03



16240C



022237



271B31

Sweetspot

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



2A1E03



363127



2A030F



1C1913



9C9C9C



1C1C1C

Same Dimension

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



2A1E03



362500



232A03



141412



543A00



D49300

Inverse Universe

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



030F2A



001036



0A032A



121314



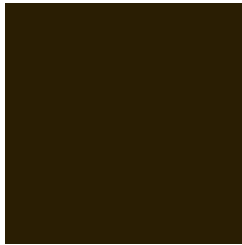
001A54



0041D4

Previews

White Background



This preview shows how the Hex color 2A1E03 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

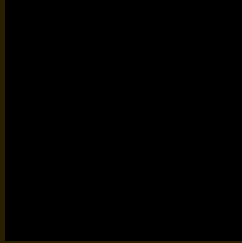
Any Text WCAG AA × Fail

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 2A1E03 Background



This preview shows how black text looks on a background with the Hex color 2A1E03.

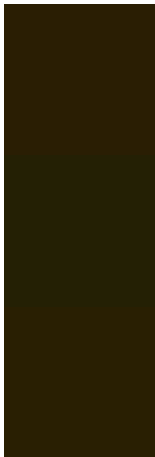


This preview shows how white text looks on a background with the Hex color 2A1E03.

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
2A1E03

Protanopia
242004

Deuteranopia
291F02



Tritanopia
2B1C1E

Trichromacy



Original Color
2A1E03

Protanomaly
261F04

Deuteranomaly
291F02

Tritanomaly
2B1D14

Monochromacy



Original Color
2A1E03

Achromatopsia
1F1F1F

Achromatomaly
231F15

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A1E03 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 #2A1E03 looks like.

```
.text, #text, p{  
    color:#2A1E03  
}
```

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 #2A1E03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A1E03
}
```

Border

The CSS property to change the border of an element to Hex 2A1E03 is called "border". The border property can be set on classes, ids or directly on the HTML element.

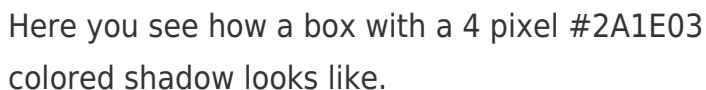
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A1E03 }
```

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

```
.border{ border-color:#2A1E03 }
```

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



Here you see how a box with a 4 pixel #2A1E03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A1E03; -webkit-box-shadow:4px 4px  
4px 4px #2A1E03; box-shadow:4px 4px 4px  
4px #2A1E03 }
```

Background

The CSS property to change the background color of an element to Hex 2A1E03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A1E03 }
```

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

```
.background{ background-color:#2A1E03 }
```

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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