

Converting Colors

Hex(2A1D19)

Have a look what the booklet for
Hex(2A1D19) contains.

Hex(2A1D19)	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(2A1D19)

Conversions

Conversions Part 1

Format	Color
Hex	2A1D19
RGB	42, 29, 25
RGB Percent	16%, 11%, 10%
CMY	0.8353, 0.8863, 0.9020
CMYK	0.00, 0.31, 0.40, 0.84
HSL	14°, 25%, 13%
HSV	14°, 40%, 16%
XYZ	1.5697, 1.4412, 1.1151
YIQ	32.4310, 9.0320, 1.5120

Conversions

Conversions Part 2

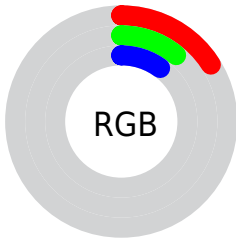
Format	Color
RYB	42, 30, 25
Decimal	2759961
CIELab	12.23, 5.65, 5.24
CIElCh	12, 7.706, 42.819
Yxy	1.4412, 0.3804, 0.3493
Android (android.graphics.Color)	4280950041 (0xFF2A1D19)
YUV	32.4310, -3.6635, 8.3920
Hunter-Lab	12.0048, 2.3311, 2.8959

Details

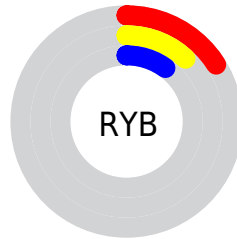
The Hex color **2A1D19** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19262A**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **584944**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A1A15**, and if you desaturate by 10%, it is **2A201D**.

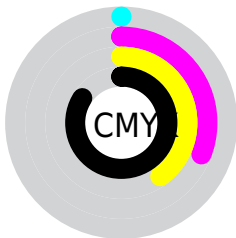
Distribution



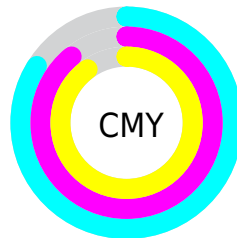
- Red (16%)
- Green (11%)
- Blue (10%)



- Red (16%)
- Yellow (12%)
- Blue (10%)



- Cyan (0%)
- Magenta (31%)
- Yellow (40%)
- Black (84%)



- Cyan (84%)
- Magenta (89%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A1D19 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 2A1D19 by changing the saturation by 10% instead.

■ 2A1D19

■ 2A1D19

■ FFFFFFFB

■ 160300

■ 584944

■ 000000

■ 71605B

■ 8A7974

■ A4938D

■ C0ADA8

■ DCC9C3

■ F8E5DF

■ 2A1D19

■ 2A1D19

■ 2A1A15

■ 2A201D

■ 2A1711

■ 2A2321

■ 2A130C

■ 2A2726

■ 2A1008

■ 2A2A2A

■ 2A0D04

■ 2A2D2E

■ 2A0A00

■ 2A3032

■ 2A3336

■ 2A373B

■ 2A3A3F

Harmonies

Analogous

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



2B1C1E



2A1D19



271F16

Triad

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



2A1D19



16231D



1D202A

Complementary

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



2A1D19



19262A

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.



16212A



2A1D19



122322

Square

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



2A1D19



1C2218



112327



241E28

Rectangle

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



2A1D19



232015



112327



1A202A

Sweetspot

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



2A1D19



36312F



2A1926



1C1918



9C9C9C



1C1C1C

Same Dimension

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



2A1D19



36211B



2A2519



141312



541400



D43200

Inverse Universe

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



19262A



1B2F36



191E2A



121414



004054



00A2D4

Previews

White Background



This preview shows how the Hex color 2A1D19 looks on a white background.

Color Contrast Check

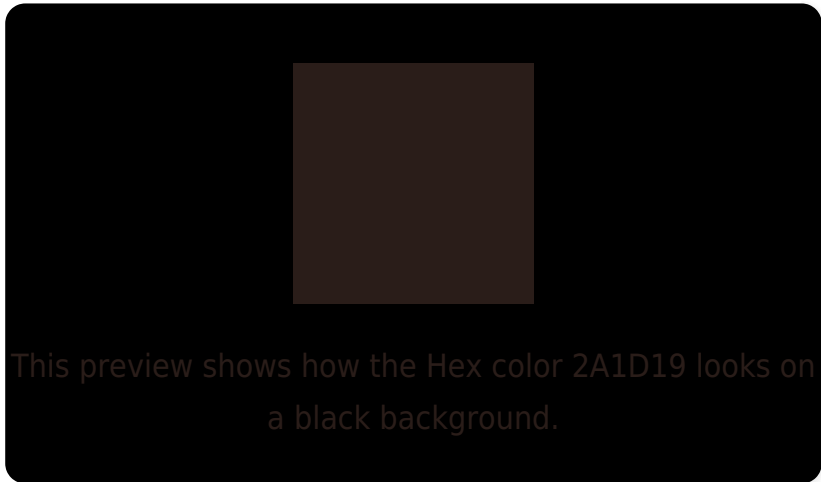
Large Text (above 18pt) WCAG AA ✓ Pass

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

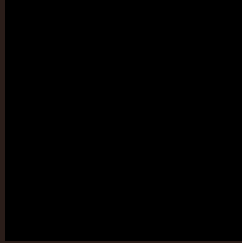
Any Text WCAG AA × Fail

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 2A1D19 Background



This preview shows how black text looks on a background with the Hex color 2A1D19.

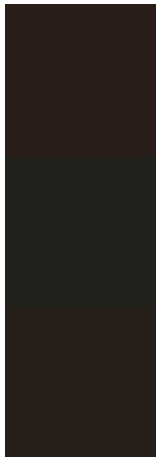


This preview shows how white text looks on a background with the Hex color 2A1D19.

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
2A1D19

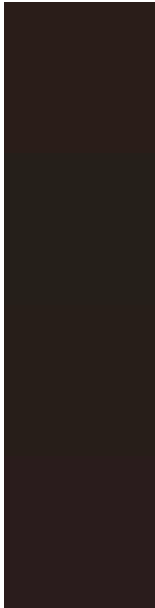
Protanopia
22201A

Deuteranopia
261F19



Tritanopia
2A1C1E

Trichromacy



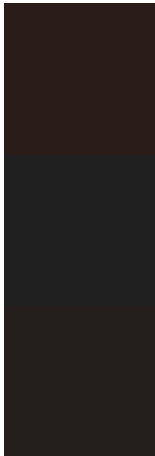
Original Color
2A1D19

Protanomaly
251F1A

Deuteranomaly
271E19

Tritanomaly
2A1C1C

Monochromacy



Original Color
2A1D19

Achromatopsia
202020

Achromatomaly
241F1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A1D19 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 #2A1D19 looks like.

```
.text, #text, p{  
    color:#2A1D19  
}
```

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 #2A1D19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A1D19
}
```

Border

The CSS property to change the border of an element to Hex 2A1D19 is called "border". The border property can be set on classes, ids or directly on the HTML element.

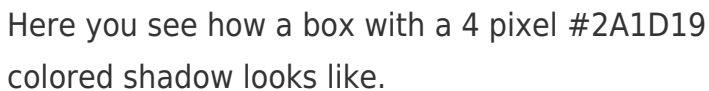
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A1D19 }
```

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

```
.border{ border-color:#2A1D19 }
```

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



Here you see how a box with a 4 pixel #2A1D19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A1D19; -webkit-box-shadow:4px 4px  
4px 4px #2A1D19; box-shadow:4px 4px 4px  
4px #2A1D19 }
```

Background

The CSS property to change the background color of an element to Hex 2A1D19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A1D19 }
```

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

```
.background{ background-color:#2A1D19 }
```

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