

Converting Colors

Hex(2B1F19)

Have a look what the booklet for
Hex(2B1F19) contains.

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Color

Hex(2B1F19)

Conversions

Conversions Part 1

Format	Color
Hex	2B1F19
RGB	43, 31, 25
RGB Percent	17%, 12%, 10%
CMY	0.8314, 0.8784, 0.9020
CMYK	0.00, 0.28, 0.42, 0.83
HSL	20°, 26%, 13%
HSV	20°, 42%, 17%
XYZ	1.6617, 1.5638, 1.1340
YIQ	33.9040, 9.0780, 0.6780

Conversions

Conversions Part 2

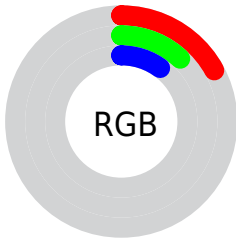
Format	Color
RYB	43, 34, 25
Decimal	2826009
CIELab	13.01, 4.74, 6.34
CIELCh	13, 7.912, 53.222
Yxy	1.5638, 0.3812, 0.3587
Android (android.graphics.Color)	4281016089 (0xFF2B1F19)
YUV	33.9040, -4.3897, 7.9772
Hunter-Lab	12.5050, 1.8360, 3.3771

Details

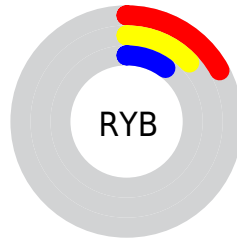
The Hex color **2B1F19** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19252B**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **594B44**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B1C15**, and if you desaturate by 10%, it is **2B221D**.

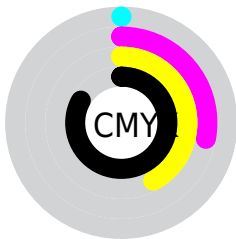
Distribution



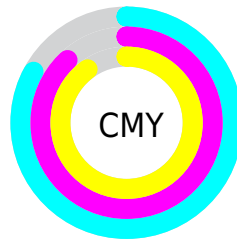
- Red (17%)
- Green (12%)
- Blue (10%)



- Red (17%)
- Yellow (13%)
- Blue (10%)



- Cyan (0%)
- Magenta (28%)
- Yellow (42%)
- Black (83%)



- Cyan (83%)
- Magenta (88%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B1F19 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 2B1F19 by changing the saturation by 10% instead.

■ 2B1F19

■ 2B1F19

FFFFFFC

■ 180700

■ 594B44

■ 000000

■ 72635B

■ 8B7B74

■ A6958D

■ C1B0A8

■ DDCBC3

■ FAE7DF

■ 2B1F19

■ 2B1F19

■ 2B1C15

■ 2B221D

■ 2B1910

■ 2B2522

■ 2B160C

■ 2B2826

■ 2B1408

■ 2B2A2A

■ 2B1103

■ 2B2D2F

■ 2B0E00

■ 2B3033

■ 2B3337

■ 2B363B

■ 2B3940

Harmonies

Analogous

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



2D1E1D



2B1F19



272117

Triad

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



2B1F19



152520



21212C

Complementary

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



2B1F19



19252B

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.



19222C



2B1F19



122526

Square

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



2B1F19



1B241B



13242A



271F28

Rectangle

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



2B1F19



232217



13242A



1E212C

Sweetspot

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



2B1F19



383331



2B1925



1C1918



9C9C9C



1C1C1C

Same Dimension

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



2B1F19



38251C



2B2819



141312



541C00



D44700

Inverse Universe

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



19252B



1C2F38



191C2B



121414



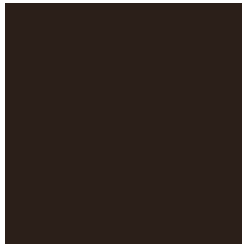
003854



008DD4

Previews

White Background



This preview shows how the Hex color 2B1F19 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

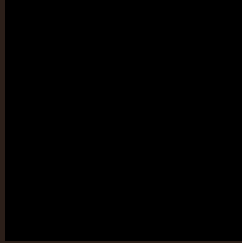
Any Text WCAG AA × Fail

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 2B1F19 Background



This preview shows how black text looks on a background with the Hex color 2B1F19.

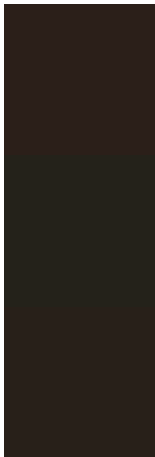


This preview shows how white text looks on a background with the Hex color 2B1F19.

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

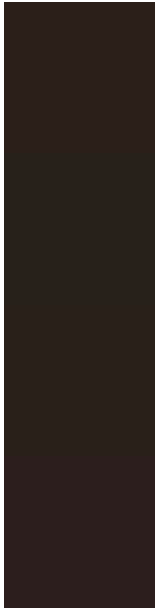


Original Color
2B1F19

Protanopia
24221A

Deuteranopia
282019

Trichromacy



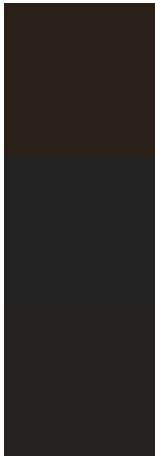
Original Color
2B1F19

Protanomaly
27211A

Deuteranomaly
292019

Tritanomaly
2C1E1D

Monochromacy



Original Color
2B1F19

Achromatopsia
222222

Achromatomaly
25211F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B1F19 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 #2B1F19 looks like.

```
.text, #text, p{  
    color:#2B1F19  
}
```

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 #2B1F19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B1F19
}
```

Border

The CSS property to change the border of an element to Hex 2B1F19 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
#2B1F19 }
```

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

```
.border{ border-color:#2B1F19 }
```

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

Here you see how a box with a 4 pixel #2B1F19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B1F19; -webkit-box-shadow:4px 4px  
4px 4px #2B1F19; box-shadow:4px 4px 4px  
4px #2B1F19 }
```

Background

The CSS property to change the background color of an element to Hex 2B1F19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B1F19 }
```

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

```
.background{ background-color:#2B1F19 }
```

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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