

Converting Colors

Hex(2C2F19)

Have a look what the booklet for
Hex(2C2F19) contains.

Hex(2C2F19)	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(2C2F19)

Conversions

Conversions Part 1

Format	Color
Hex	2C2F19
RGB	44, 47, 25
RGB Percent	17%, 18%, 10%
CMY	0.8275, 0.8157, 0.9020
CMYK	0.06, 0.00, 0.47, 0.82
HSL	68°, 31%, 14%
HSV	68°, 47%, 18%
XYZ	2.2307, 2.6387, 1.3115
YIQ	43.5950, 5.2740, -7.4780

Conversions

Conversions Part 2

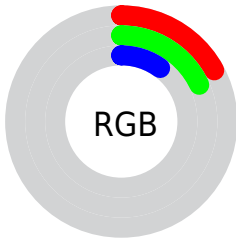
Format	Color
RYB	25, 47, 28
Decimal	2895641
CIELab	18.53, -5.70, 13.70
CIELCh	19, 14.837, 112.601
Yxy	2.6387, 0.3609, 0.4269
Android (android.graphics.Color)	4281085721 (0xFF2C2F19)
YUV	43.5950, -9.1673, 0.3552
Hunter-Lab	16.2440, -3.9148, 6.5841

Details

The Hex color **2C2F19** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1C192F**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5A5D44**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B2F14**, and if you desaturate by 10%, it is **2D2F1E**.

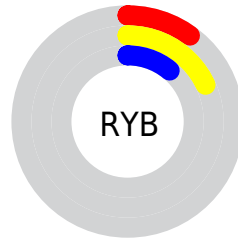
Distribution



Red (17%)

Green (18%)

Blue (10%)



Red (10%)

Yellow (18%)

Blue (11%)

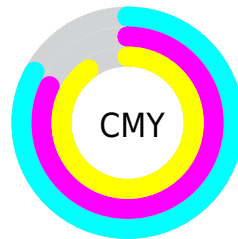


Cyan (6%)

Magenta (0%)

Yellow (47%)

Black (82%)



Cyan (83%)

Magenta (82%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C2F19 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 2C2F19 by changing the saturation by 10% instead.

■ 2C2F19

■ 2C2F19

FFFFFFD

■ 191A00

■ 5A5D44

■ 000000

■ 73755C

■ 8C8F75

■ A7A98E

■ C2C5A9

■ DEE1C4

■ FBFDE0

■ 2C2F19

■ 2C2F19

■ 2B2F14

■ 2D2F1E

■ 2B2F10

■ 2D2F22

■ 2A2F0B

■ 2E2F27

■ 292F06

■ 2F2F2C

■ 292F01

■ 2F2F31

■ 292F00

■ 302F35

■ 302F3A

■ 312F3F

■ 322F43

Harmonies

Analogous

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



372C18



2C2F19



203120

Triad

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



2C2F19



07323E



402530

Complementary

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



2C2F19



1C192F

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.



38283A



2C2F19



192F42

Square

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



2C2F19



053335



2B2B41



422525

Rectangle

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



2C2F19



173226



2B2B41



3E2634

Sweetspot

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



2C2F19



3C3D35



2F1C19



1E1F19



9E9E9E



1F1F1F

Same Dimension

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



2C2F19



393D1B



212F19



171715



4B5700



B9D600

Inverse Universe

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



1C192F



201B3D



27192F



151517



0C0057



1D00D6

Previews

White Background



This preview shows how the Hex color 2C2F19 looks on a white background.

Color Contrast Check

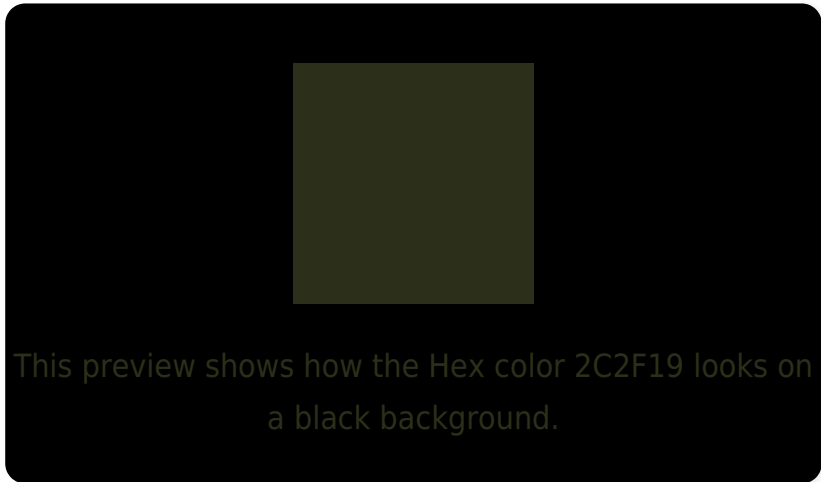
Large Text (above 18pt) WCAG AA ✓ Pass

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

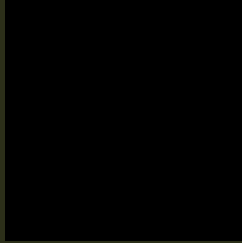
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

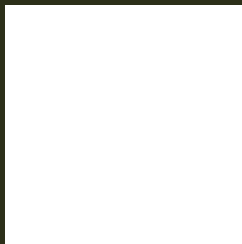
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2C2F19 Background



This preview shows how black text looks on a background with the Hex color 2C2F19.

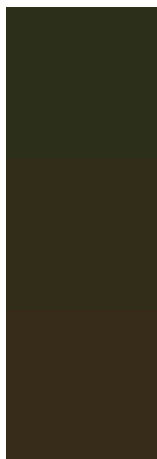


This preview shows how white text looks on a background with the Hex color 2C2F19.

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
2C2F19

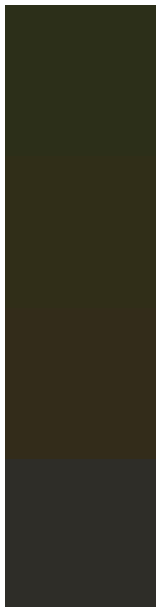
Protanopia
322D18

Deuteranopia
372B1A



Tritanopia
2F2C30

Trichromacy



Original Color

2C2F19

Protanomaly

302E18

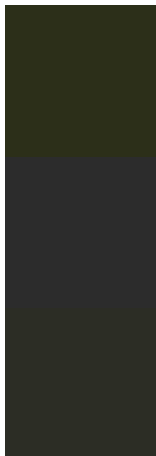
Deuteranomaly

332C1A

Tritanomaly

2E2D28

Monochromacy



Original Color

2C2F19

Achromatopsia

2C2C2C

Achromatomaly

2C2D25

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2F19 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 #2C2F19 looks like.

```
.text, #text, p{  
    color:#2C2F19  
}
```

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 #2C2F19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2F19
}
```

Border

The CSS property to change the border of an element to Hex 2C2F19 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
#2C2F19 }
```

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

```
.border{ border-color:#2C2F19 }
```

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

Here you see how a box with a 4 pixel #2C2F19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2F19; -webkit-box-shadow:4px 4px  
4px 4px #2C2F19; box-shadow:4px 4px 4px  
4px #2C2F19 }
```

Background

The CSS property to change the background color of an element to Hex 2C2F19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2F19 }
```

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

```
.background{ background-color:#2C2F19 }
```

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