

Converting Colors

Hex(2C1E2C)

Have a look what the booklet for
Hex(2C1E2C) contains.

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Color

Hex(2C1E2C)

Conversions

Conversions Part 1

Format	Color
Hex	2C1E2C
RGB	44, 30, 44
RGB Percent	17%, 12%, 17%
CMY	0.8275, 0.8824, 0.8275
CMYK	0.00, 0.32, 0.00, 0.83
HSL	300°, 19%, 15%
HSV	300°, 32%, 17%
XYZ	1.9576, 1.6459, 2.5974
YIQ	35.7820, 3.8500, 7.3220

Conversions

Conversions Part 2

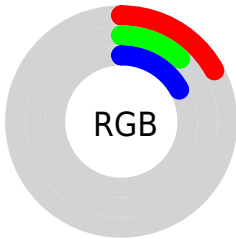
Format	Color
R_{YB}	44, 30, 44
Decimal	2891308
CIE Lab	13.51, 9.87, -6.70
CIE LCh	14, 11.930, 325.836
Yxy	1.6459, 0.3157, 0.2654
Android (android.graphics.Color)	4281081388 (0xFF2C1E2C)
YUV	35.7820, 4.0515, 7.2072
Hunter-Lab	12.8291, 4.7864, -3.0234

Details

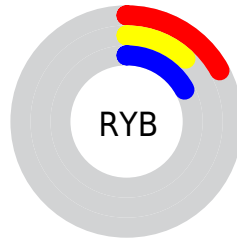
The Hex color **2C1E2C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1E2C1E**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **5A4A5A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C1A2C**, and if you desaturate by 10%, it is **2C222C**.

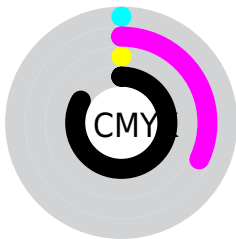
Distribution



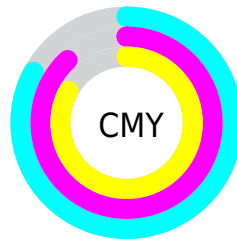
- Red (17%)
- Green (12%)
- Blue (17%)



- Red (17%)
- Yellow (12%)
- Blue (17%)



- Cyan (0%)
- Magenta (32%)
- Yellow (0%)
- Black (83%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2C1E2C 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 2C1E2C by changing the saturation by 10% instead.

■ 2C1E2C

■ 2C1E2C

FFFFFF

■ 180618

■ 5A4A5A

■ 000000

■ 726272

■ 8C7B8B

■ A694A6

■ C2AFC1

■ DECADD

■ FAE7F9

■ 2C1E2C

■ 2C1E2C

■ 2C1A2C

■ 2C222C

■ 2C152C

■ 2C272C

■ 2C112C

■ 2C2B2C

■ 2C0C2C

■ 2C302C

■ 2C082C

■ 2C342C

■ 2C042C

■ 2C382C

■ 2C002C

■ 2C3D2C

■ 2C412C

■ 2C462C

Harmonies

Analogous

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



222131



2C1E2C



321C24

Triad

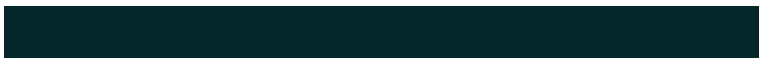
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2C1E2C



292212



05272A

Complementary

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



2C1E2C



1E2C1E

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.



0D2721



2C1E2C



212413

Square

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



2C1E2C



301F15



172619



092630

Rectangle

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



2C1E2C



331C1E



172619



072727

Sweetspot

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



2C1E2C



383238



1E1E2C



1C191C



9C9C9C



1C1C1C

Same Dimension

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



2C1E2C



382338



2C1E25



171517



570057



D600D6

Inverse Universe

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



2C1E2C



382338



1E2C25



171517



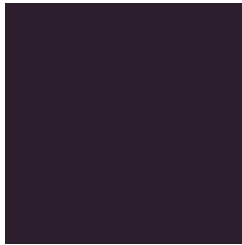
570057



D600D6

Previews

White Background



This preview shows how the Hex color 2C1E2C 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

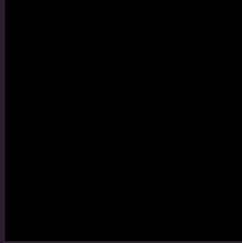
Any Text WCAG AA × Fail

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 2C1E2C Background



This preview shows how black text looks on a background with the Hex color 2C1E2C.



This preview shows how white text looks on a background with the Hex color 2C1E2C.

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
2C1E2C

Protanopia
1F222F

Deuteranopia
22222B

Trichromacy



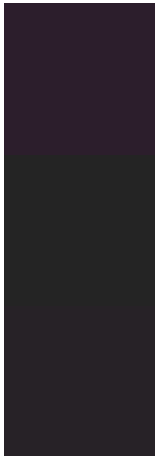
Original Color
2C1E2C

Protanomaly
24212E

Deuteranomaly
26212B

Tritanomaly
2B1F26

Monochromacy



Original Color
2C1E2C

Achromatopsia
242424

Achromatomaly
272227

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C1E2C 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 #2C1E2C looks like.

```
.text, #text, p{  
    color:#2C1E2C  
}
```

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 #2C1E2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C1E2C
}
```

Border

The CSS property to change the border of an element to Hex 2C1E2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

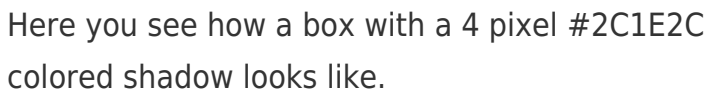
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C1E2C }
```

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

```
.border{ border-color:#2C1E2C }
```

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



Here you see how a box with a 4 pixel #2C1E2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C1E2C; -webkit-box-shadow:4px 4px  
4px 4px #2C1E2C; box-shadow:4px 4px 4px  
4px #2C1E2C }
```

Background

The CSS property to change the background color of an element to Hex 2C1E2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C1E2C }
```

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

```
.background{ background-color:#2C1E2C }
```

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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