

Converting Colors

Hex(1C2A2E)

Have a look what the booklet for
Hex(1C2A2E) contains.

Hex(1C2A2E)	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(1C2A2E)

Conversions

Conversions Part 1

Format	Color
Hex	1C2A2E
RGB	28, 42, 46
RGB Percent	11%, 16%, 18%
CMY	0.8902, 0.8353, 0.8196
CMYK	0.39, 0.09, 0.00, 0.82
HSL	193°, 24%, 15%
HSV	193°, 39%, 18%
XYZ	1.8000, 2.1001, 2.8953
YIQ	38.2700, -9.6280, -1.7240

Conversions

Conversions Part 2

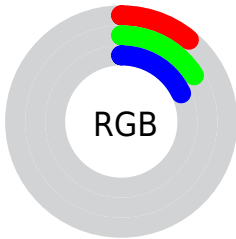
Format	Color
RYB	28, 36, 46
Decimal	1845806
CIELab	16.00, -4.67, -4.52
CIElCh	16, 6.499, 224.022
Yxy	2.1001, 0.2649, 0.3090
Android (android.graphics.Color)	4280035886 (0xFF1C2A2E)
YUV	38.2700, 3.8109, -9.0068
Hunter-Lab	14.4916, -3.1889, -1.7013

Details

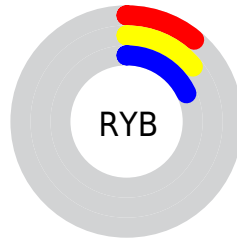
The Hex color **1C2A2E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2E201C**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **48575C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **17292E**, and if you desaturate by 10%, it is **212B2E**.

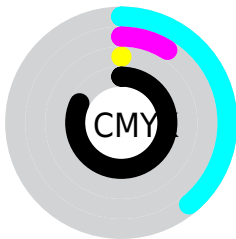
Distribution



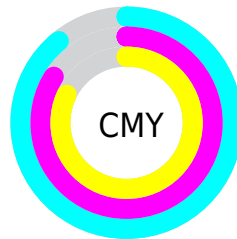
- Red (11%)
- Green (16%)
- Blue (18%)



- Red (11%)
- Yellow (14%)
- Blue (18%)



- Cyan (39%)
- Magenta (9%)
- Yellow (0%)
- Black (82%)



- Cyan (89%)
- Magenta (84%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C2A2E 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 1C2A2E by changing the saturation by 10% instead.

■ 1C2A2E

■ 1C2A2E

FFFFFF

■ 051619

■ 48575C

■ 000000

■ 607074

■ 79898E

■ 93A3A8

■ AEBEC3

■ C9DADF

■ E5F7FC

■ 1C2A2E

■ 1C2A2E

■ 17292E

■ 212B2E

■ 13282E

■ 252C2E

■ 0E272E

■ 2A2D2E

■ 0A262E

■ 2E2E2E

■ 05252E

■ 332F2E

■ 00242E

■ 38302E

■ 3C312E

■ 41322E

■ 45332E

Harmonies

Analogous

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



1C2A2A



1C2A2E



202930

Triad

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



1C2A2E



30252A



29281F

Complementary

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



1C2A2E



2E201C

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.



2E271F



1C2A2E



312526

Square

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



1C2A2E



2B262E



312522



242921

Rectangle

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



1C2A2E



232831



312522



2B281F

Sweetspot

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



1C2A2E



34393B



1C2E20



1A1E1F



9E9E9E



1F1F1F

Same Dimension

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



1C2A2E



1F353B



1C212E



151617



004357



00A7D6

Inverse Universe

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



2E1C2A



3B1F35



2E291C



171516



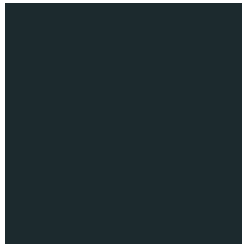
570043



D600A7

Previews

White Background



This preview shows how the Hex color 1C2A2E looks on a white background.

Color Contrast Check

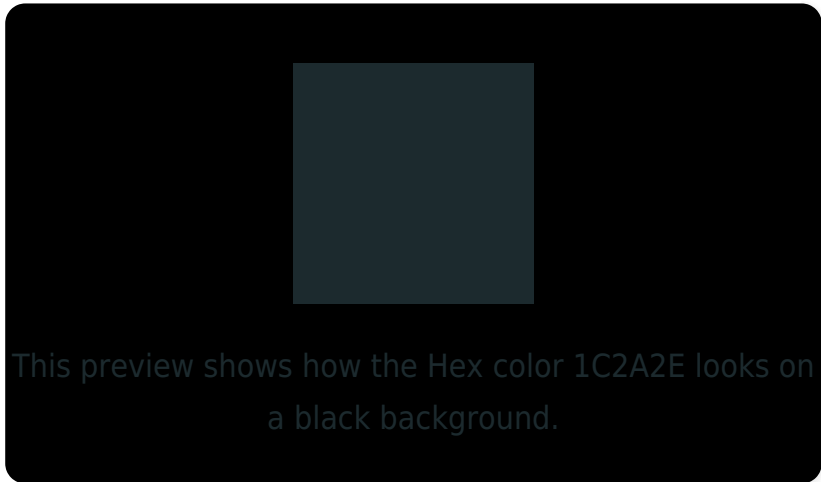
Large Text (above 18pt) WCAG AA ✓ Pass

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

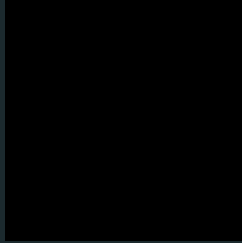
Any Text WCAG AA × Fail

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 1C2A2E Background



This preview shows how black text looks on a background with the Hex color 1C2A2E.



This preview shows how white text looks on a background with the Hex color 1C2A2E.

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
1C2A2E

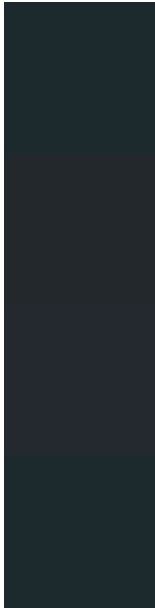
Protanopia
27272C

Deuteranopia
28272F



Tritanopia
1C2A2D

Trichromacy



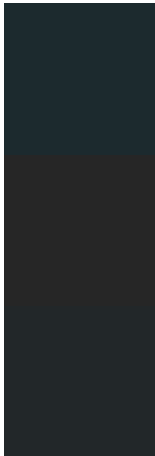
Original Color
1C2A2E

Protanomaly
23282D

Deuteranomaly
24282F

Tritanomaly
1C2A2D

Monochromacy



Original Color
1C2A2E

Achromatopsia
262626

Achromatomaly
222729

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C2A2E 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 #1C2A2E looks like.

```
.text, #text, p{  
    color:#1C2A2E  
}
```

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 #1C2A2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C2A2E
}
```

Border

The CSS property to change the border of an element to Hex 1C2A2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

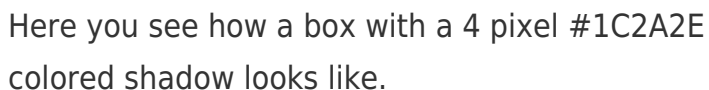
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C2A2E }
```

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

```
.border{ border-color:#1C2A2E }
```

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



Here you see how a box with a 4 pixel #1C2A2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C2A2E; -webkit-box-shadow:4px 4px  
4px 4px #1C2A2E; box-shadow:4px 4px 4px  
4px #1C2A2E }
```

Background

The CSS property to change the background color of an element to Hex 1C2A2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C2A2E }
```

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

```
.background{ background-color:#1C2A2E }
```

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