

Converting Colors

Hex(1C2A29)

Have a look what the booklet for
Hex(1C2A29) contains.

Hex(1C2A29)	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(1C2A29)

Conversions

Conversions Part 1

Format	Color
Hex	1C2A29
RGB	28, 42, 41
RGB Percent	11%, 16%, 16%
CMY	0.8902, 0.8353, 0.8392
CMYK	0.33, 0.00, 0.02, 0.84
HSL	176°, 20%, 14%
HSV	176°, 33%, 16%
XYZ	1.7071, 2.0629, 2.4060
YIQ	37.7000, -8.0230, -3.2790

Conversions

Conversions Part 2

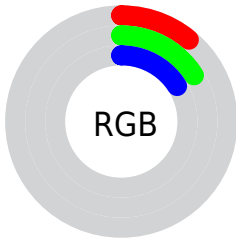
Format	Color
RYB	28, 35, 42
Decimal	1845801
CIELab	15.81, -6.19, -1.27
CIELCh	16, 6.317, 191.614
Yxy	2.0629, 0.2764, 0.3340
Android (android.graphics.Color)	4280035881 (0xFF1C2A29)
YUV	37.7000, 1.6269, -8.5069
Hunter-Lab	14.3628, -3.9193, 0.1218

Details

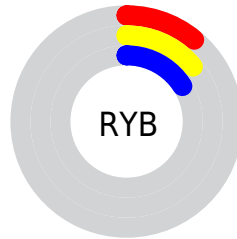
The Hex color **1C2A29** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A1C1D**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **485756**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **182A29**, and if you desaturate by 10%, it is **202A29**.

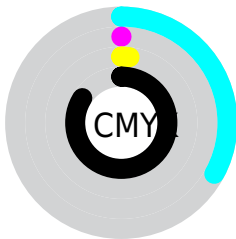
Distribution



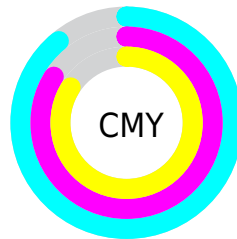
- Red (11%)
- Green (16%)
- Blue (16%)



- Red (11%)
- Yellow (14%)
- Blue (16%)



- Cyan (33%)
- Magenta (0%)
- Yellow (2%)
- Black (84%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 1C2A29 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 1C2A29 by changing the saturation by 10% instead.

■ 1C2A29

■ 1C2A29

FFFFFF

■ 041615

■ 485756

■ 000000

■ 60706E

■ 798988

■ 93A3A2

■ ADBEBD

■ C9DAD9

■ E5F7F5

■ 1C2A29

■ 1C2A29

■ 182A29

■ 202A29

■ 142A28

■ 242A2A

■ 0F2A28

■ 292A2A

■ 0B2A28

■ 2D2A2A

■ 072A28

■ 312A2A

■ 032A27

■ 352A2B

■ 002A27

■ 392A2B

■ 3E2A2B

■ 422A2C

Harmonies

Analogous

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



1F2A24



1C2A29



1C2A2D

Triad

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



1C2A29



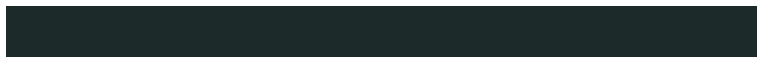
2A262E



2D261F

Complementary

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



1C2A29



2A1C1D

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.



302522



1C2A29



2F252A

Square

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



1C2A29



252730



312426



29281F

Rectangle

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



1C2A29



1E292F



312426



2F2620

Sweetspot

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



1C2A29



303635



1D2A1C



191C1C



9C9C9C



1C1C1C

Same Dimension

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



1C2A29



203634



1C242A



121414



00544E



00D4C5

Inverse Universe

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



2A1C1D



362022



2A221C



141213



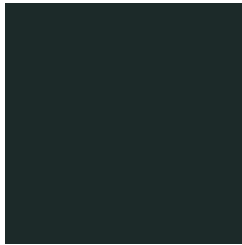
540006



D4000F

Previews

White Background



This preview shows how the Hex color 1C2A29 looks on a white background.

Color Contrast Check

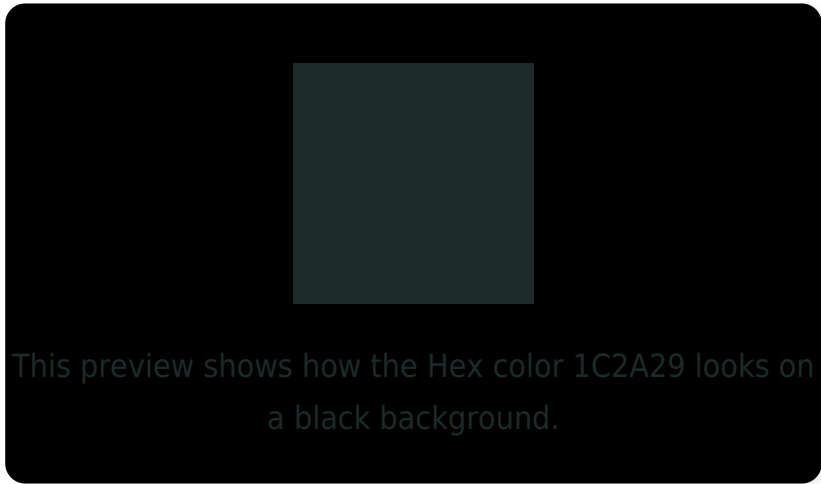
Large Text (above 18pt) WCAG AA ✓ Pass

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

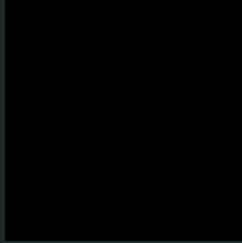
Any Text WCAG AA × Fail

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 1C2A29 Background



This preview shows how black text looks on a background with the Hex color 1C2A29.

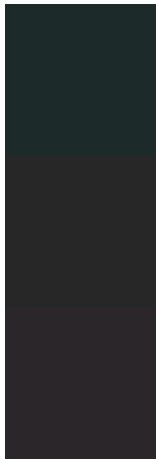


This preview shows how white text looks on a background with the Hex color 1C2A29.

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
1C2A29

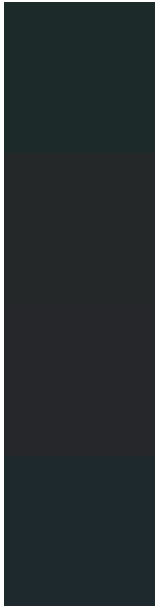
Protanopia
282727

Deuteranopia
2A262A



Tritanopia
1D292D

Trichromacy



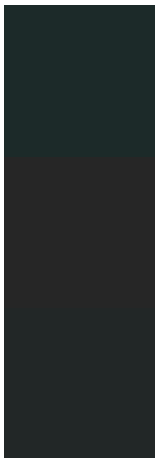
Original Color
1C2A29

Protanomaly
242828

Deuteranomaly
25272A

Tritanomaly
1D292C

Monochromacy



Original Color
1C2A29

Achromatopsia
262626

Achromatomaly
222727

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C2A29 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 #1C2A29 looks like.

```
.text, #text, p{  
    color:#1C2A29  
}
```

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 #1C2A29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C2A29
}
```

Border

The CSS property to change the border of an element to Hex 1C2A29 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
#1C2A29 }
```

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

```
.border{ border-color:#1C2A29 }
```

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

Here you see how a box with a 4 pixel #1C2A29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C2A29; -webkit-box-shadow:4px 4px  
4px 4px #1C2A29; box-shadow:4px 4px 4px  
4px #1C2A29 }
```

Background

The CSS property to change the background color of an element to Hex 1C2A29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C2A29 }
```

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

```
.background{ background-color:#1C2A29 }
```

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