

Converting Colors

Hex(1C302F)

Have a look what the booklet for
Hex(1C302F) contains.

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Color

Hex(1C302F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 1C302F |
| RGB | 28, 48, 47 |
| RGB Percent | 11%, 19%, 18% |
| CMY | 0.8902, 0.8118, 0.8157 |
| CMYK | 0.42, 0.00, 0.02, 0.81 |
| HSL | 177°, 26%, 15% |
| HSV | 177°, 42%, 19% |
| XYZ | 2.0489, 2.5660, 3.0766 |
| YIQ | 41.9060, -11.5990, -4.5510 |

Conversions

Conversions Part 2

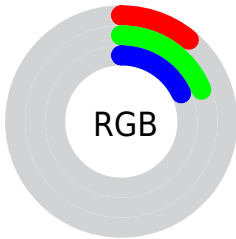
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 28, 38, 48 |
| Decimal | 1847343 |
| CIE _{Lab} | 18.21, -8.32, -1.93 |
| CIE _{LCh} | 18, 8.541, 193.031 |
| Yxy | 2.5660, 0.2664, 0.3336 |
| Android (android.graphics.Color) | 4280037423 (0xFF1C302F) |
| YUV | 41.9060, 2.5113, -12.1956 |
| Hunter-Lab | 16.0188, -5.2013, -0.1743 |

Details

The Hex color **1C302F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **301C1D**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **495E5D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **17302F**, and if you desaturate by 10%, it is **21302F**.

Distribution



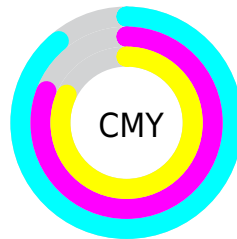
- Red (11%)
- Green (19%)
- Blue (18%)



- Red (11%)
- Yellow (15%)
- Blue (19%)



- Cyan (42%)
- Magenta (0%)
- Yellow (2%)
- Black (81%)



- Cyan (89%)
- Magenta (81%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C302F 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 1C302F by changing the saturation by 10% instead.

■ 1C302F

■ 1C302F

FFFFFF

■ 061B1A

■ 495E5D

■ 000000

■ 617775

■ 7A908F

■ 94ABA9

■ AEC6C5

■ CAE2E1

■ E6FFFD

■ 1C302F

■ 1C302F

■ 17302F

■ 21302F

■ 12302F

■ 26302F

■ 0E302E

■ 2A3030

■ 09302E

■ 2F3030

■ 04302E

■ 343030

■ 00302E

■ 393030

■ 3E3031

■ 423031

■ 473031

Harmonies

Analogous

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



213029



1C302F



1C2F35

Triad

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



1C302F



312A35



342B21

Complementary

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



1C302F



301C1D

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.



382924



1C302F



372830

Square

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



1C302F



292C38



39282A



2E2D20

Rectangle

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



1C302F



1F2F37



39282A



362A22

Sweetspot

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



1C302F



353D3D



1D301C



1A1F1E



9E9E9E



1F1F1F

Same Dimension

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



1C302F



1F3D3C



1C2730



151717



005752



00D6CB

Inverse Universe

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



301C1D



3D1F20



30251C



171515



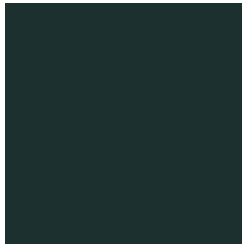
570004



D6000B

Previews

White Background



This preview shows how the Hex color 1C302F looks on a white background.

Color Contrast Check

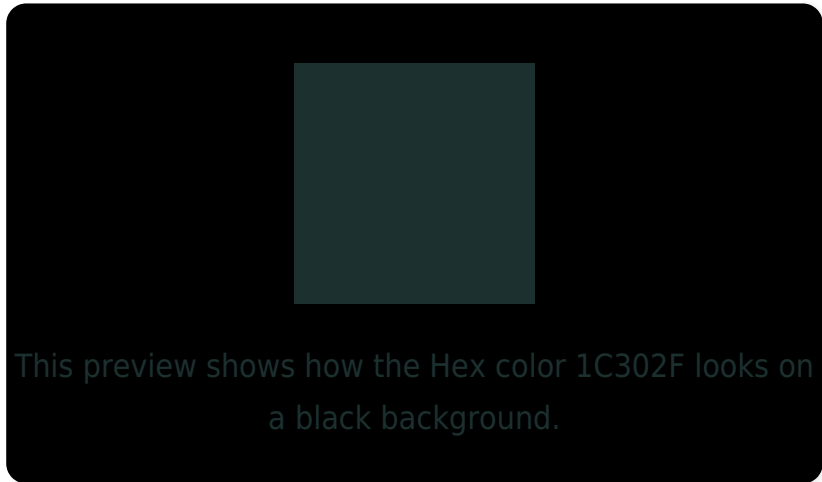
Large Text (above 18pt) WCAG AA ✓ Pass

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

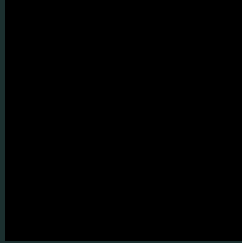
Any Text WCAG AA × Fail

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 1C302F Background



This preview shows how black text looks on a background with the Hex color 1C302F.



This preview shows how white text looks on a background with the Hex color 1C302F.

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
1C302F

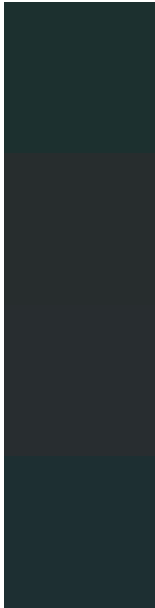
Protanopia
2D2C2D

Deuteranopia
2F2B30



Tritanopia
1D2F33

Trichromacy



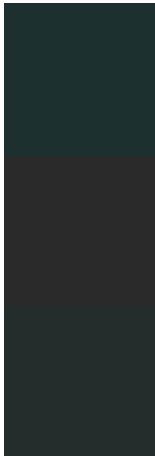
Original Color
1C302F

Protanomaly
272D2E

Deuteranomaly
282D30

Tritanomaly
1D2F32

Monochromacy



Original Color
1C302F

Achromatopsia
2A2A2A

Achromatomaly
252C2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C302F 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 #1C302F looks like.

```
.text, #text, p{  
    color:#1C302F  
}
```

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 #1C302F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C302F
}
```

Border

The CSS property to change the border of an element to Hex 1C302F is called "border". The border property can be set on classes, ids or directly on the HTML element.

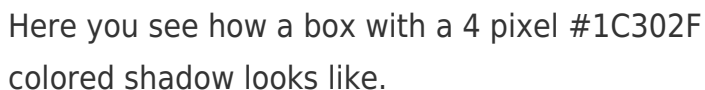
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C302F }
```

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

```
.border{ border-color:#1C302F }
```

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



Here you see how a box with a 4 pixel #1C302F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C302F; -webkit-box-shadow:4px 4px  
4px 4px #1C302F; box-shadow:4px 4px 4px  
4px #1C302F }
```

Background

The CSS property to change the background color of an element to Hex 1C302F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C302F }
```

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

```
.background{ background-color:#1C302F }
```

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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