

Converting Colors

Hex(1E312C)

Have a look what the booklet for
Hex(1E312C) contains.

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Color

Hex(1E312C)

Conversions

Conversions Part 1

Format	Color
Hex	1E312C
RGB	30, 49, 44
RGB Percent	12%, 19%, 17%
CMY	0.8824, 0.8078, 0.8275
CMYK	0.39, 0.00, 0.10, 0.81
HSL	164°, 24%, 15%
HSV	164°, 39%, 19%
XYZ	2.0884, 2.6545, 2.7852
YIQ	42.7490, -9.7190, -5.5830

Conversions

Conversions Part 2

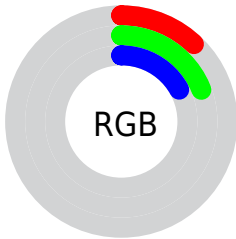
Format	Color
RYB	30, 41, 49
Decimal	1978668
CIELab	18.60, -9.11, 0.73
CIElCh	19, 9.140, 175.405
Yxy	2.6545, 0.2774, 0.3526
Android (android.graphics.Color)	4280168748 (0xFF1E312C)
YUV	42.7490, 0.6167, -11.1809
Hunter-Lab	16.2926, -5.6323, 1.2694

Details

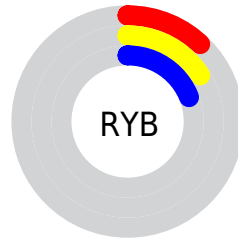
The Hex color **1E312C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **311E23**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **4B5F59**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **19312B**, and if you desaturate by 10%, it is **23312D**.

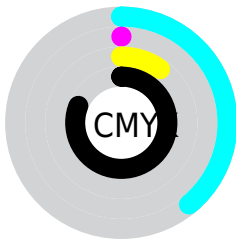
Distribution



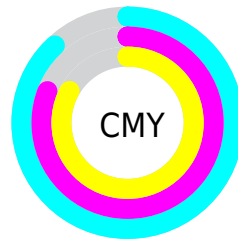
- Red (12%)
- Green (19%)
- Blue (17%)



- Red (12%)
- Yellow (16%)
- Blue (19%)



- Cyan (39%)
- Magenta (0%)
- Yellow (10%)
- Black (81%)



- Cyan (88%)
- Magenta (81%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E312C 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 1E312C by changing the saturation by 10% instead.

■ 1E312C

■ 1E312C

FFFFFF

■ 081C18

■ 4B5F59

■ 000000

■ 637872

■ 7C928B

■ 96ACA6

■ B0C8C1

■ CCE4DD

■ E8FFF9

■ 1E312C

■ 1E312C

■ 19312B

■ 23312D

■ 143129

■ 28312F

■ 0F3128

■ 2D3130

■ 0A3127

■ 323131

■ 063126

■ 373132

■ 013124

■ 3B3134

■ 003124

■ 403135

■ 453136

■ 4A3138

Harmonies

Analogous

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



253026



1E312C



1B3133

Triad

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



1E312C



2D2C39



382A23

Complementary

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



1E312C



311E23

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.



3B2928



1E312C



352A35

Square

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



1E312C



242E3A



3A292F



332D20

Rectangle

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



1E312C



1B3036



3A292F



3A2A24

Sweetspot

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



1E312C



38403E



23311E



1D2120



A1A1A1



212121

Same Dimension

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



1E312C



224038



1E2D31



171A19



005942



00D9A0

Inverse Universe

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



311E23



40222A



31221E



1A1718



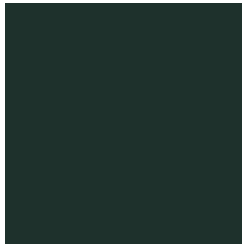
590017



D90039

Previews

White Background



This preview shows how the Hex color 1E312C looks on a white background.

Color Contrast Check

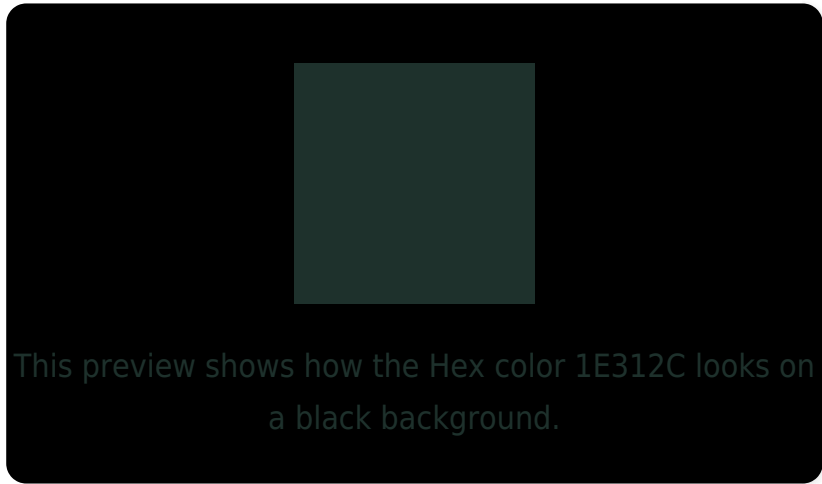
Large Text (above 18pt) WCAG AA ✓ Pass

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

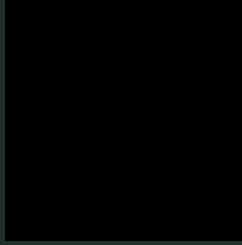
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

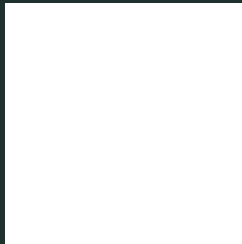
Any Text WCAG AAA × Fail

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

Hex 1E312C Background



This preview shows how black text looks on a background with the Hex color 1E312C.



This preview shows how white text looks on a background with the Hex color 1E312C.

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

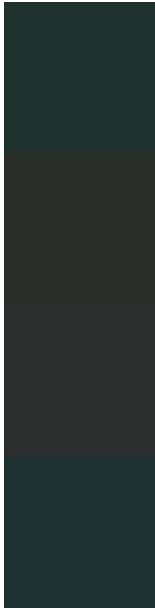


Original Color
1E312C

Protanopia
2F2D2A

Deuteranopia
322C2D

Trichromacy



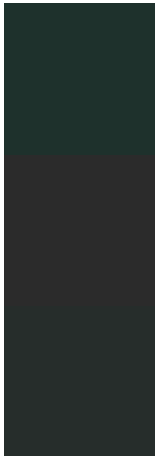
Original Color
1E312C

Protanomaly
292E2B

Deuteranomaly
2B2E2D

Tritanomaly
1F3031

Monochromacy



Original Color
1E312C

Achromatopsia
2B2B2B

Achromatomaly
262D2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E312C 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 #1E312C looks like.

```
.text, #text, p{  
    color:#1E312C  
}
```

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 #1E312C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E312C
}
```

Border

The CSS property to change the border of an element to Hex 1E312C 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
#1E312C }
```

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

```
.border{ border-color:#1E312C }
```

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

Here you see how a box with a 4 pixel #1E312C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E312C; -webkit-box-shadow:4px 4px  
4px 4px #1E312C; box-shadow:4px 4px 4px  
4px #1E312C }
```

Background

The CSS property to change the background color of an element to Hex 1E312C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E312C }
```

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

```
.background{ background-color:#1E312C }
```

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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