

Converting Colors

Hex(0D312E)

Have a look what the booklet for
Hex(0D312E) contains.

Hex(0D312E)	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(0D312E)

Conversions

Conversions Part 1

Format	Color
Hex	0D312E
RGB	13, 49, 46
RGB Percent	5%, 19%, 18%
CMY	0.9490, 0.8078, 0.8196
CMYK	0.73, 0.00, 0.06, 0.81
HSL	175°, 58%, 12%
HSV	175°, 73%, 19%
XYZ	1.7574, 2.4794, 2.9707
YIQ	37.8940, -20.4930, -8.5650

Conversions

Conversions Part 2

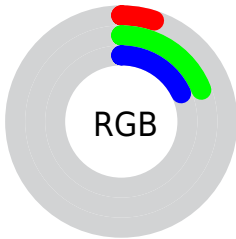
Format	Color
R_{YB}	13, 32, 49
Decimal	864558
CIE _{Lab}	17.83, -13.58, -1.89
CIE _{LCh}	18, 13.714, 187.920
Yxy	2.4794, 0.2438, 0.3440
Android (android.graphics.Color)	4279054638 (0xFF0D312E)
YUV	37.8940, 3.9963, -21.8320
Hunter-Lab	15.7463, -7.6336, -0.1634

Details

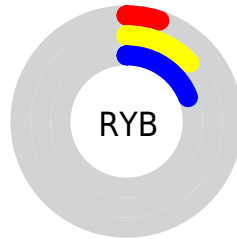
The Hex color **0D312E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **310D10**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **3C5F5C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **08312E**, and if you desaturate by 10%, it is **12312E**.

Distribution



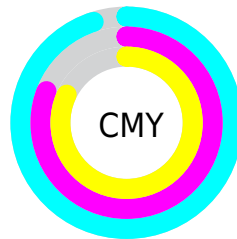
- Red (5%)
- Green (19%)
- Blue (18%)



- Red (5%)
- Yellow (13%)
- Blue (19%)



- Cyan (73%)
- Magenta (0%)
- Yellow (6%)
- Black (81%)



- Cyan (95%)
- Magenta (81%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D312E 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 0D312E by changing the saturation by 10% instead.


 0D312E

 0D312E

 F6FFFF

 001C19

 3C5F5C

 000000

 547874

 6D928E

 87ADA8

 A2C8C3

 BDE4DF

 D9FFFC

 0D312E

 0D312E

■ 08312E

■ 12312E

■ 03312D

■ 17312F

■ 00312D

■ 1C312F

■ 213130

■ 263130

■ 2A3130

■ 2F3131

■ 343131

■ 393132

Harmonies

Analogous

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



193024



0D312E



083037

Triad

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



0D312E



30283B



38291A

Complementary

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



0D312E



310D10

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.



3E2520



0D312E



3A2533

Square

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



0D312E



222C3F



3F2429



302C18

Rectangle

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



0D312E



0D2F3C



3F2429



3B271B

Sweetspot

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



0D312E



32403F



10310D



192120



A1A1A1



212121

Same Dimension

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



0D312E



08403B



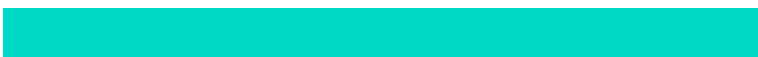
0D2231



171A19



005952



00D9C7

Inverse Universe

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



310D10



40080C



311C0D



1A1717



590007



D90012

Previews

White Background



This preview shows how the Hex color 0D312E looks on a white background.

Color Contrast Check

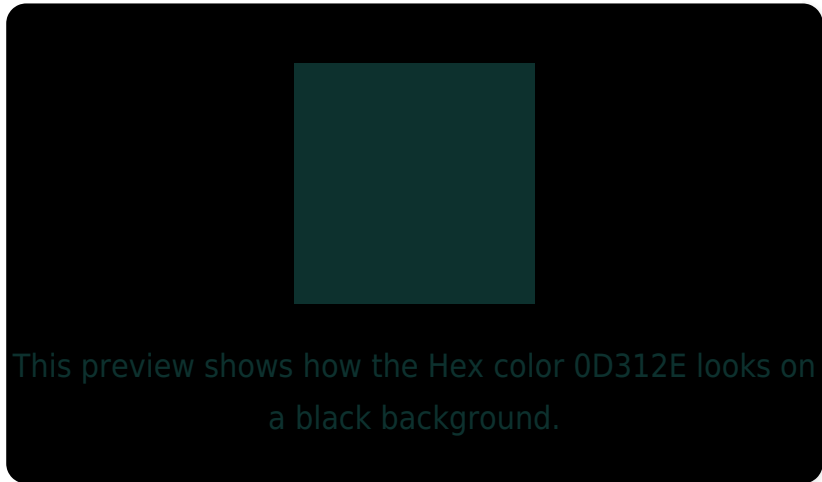
Large Text (above 18pt) WCAG AA ✓ Pass

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

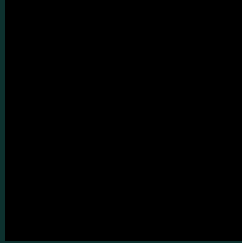
Any Text WCAG AA × Fail

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 0D312E Background



This preview shows how black text looks on a background with the Hex color 0D312E.



This preview shows how white text looks on a background with the Hex color 0D312E.

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
0D312E

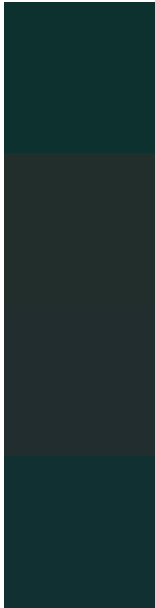
Protanopia
2D2C2B

Deuteranopia
2E2B2F



Tritanopia
113034

Trichromacy



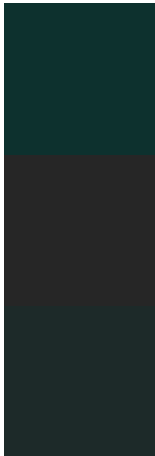
Original Color
0D312E

Protanomaly
212E2C

Deuteranomaly
222D2F

Tritanomaly
103032

Monochromacy



Original Color
0D312E

Achromatopsia
262626

Achromatomaly
1D2A29

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D312E 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 #0D312E looks like.

```
.text, #text, p{  
    color:#0D312E  
}
```

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 #0D312E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D312E
}
```

Border

The CSS property to change the border of an element to Hex 0D312E 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
#0D312E }
```

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

```
.border{ border-color:#0D312E }
```

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

Here you see how a box with a 4 pixel #0D312E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D312E; -webkit-box-shadow:4px 4px  
4px 4px #0D312E; box-shadow:4px 4px 4px  
4px #0D312E }
```

Background

The CSS property to change the background color of an element to Hex 0D312E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D312E }
```

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

```
.background{ background-color:#0D312E }
```

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