

Converting Colors

Hex(0D3226)

Have a look what the booklet for
Hex(0D3226) contains.

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Color

Hex(0D3226)

Conversions

Conversions Part 1

Format	Color
Hex	0D3226
RGB	13, 50, 38
RGB Percent	5%, 20%, 15%
CMY	0.9490, 0.8039, 0.8510
CMYK	0.74, 0.00, 0.24, 0.80
HSL	161°, 59%, 12%
HSV	161°, 74%, 20%
XYZ	1.6564, 2.5067, 2.2303
YIQ	37.5690, -18.2000, -11.5760

Conversions

Conversions Part 2

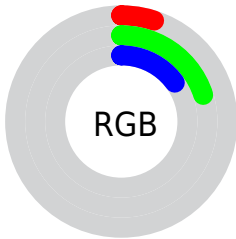
Format	Color
R_{YB}	13, 35, 50
Decimal	864806
CIE _{Lab}	17.95, -16.70, 3.81
CIE _{LCh}	18, 17.128, 167.145
Yxy	2.5067, 0.2591, 0.3921
Android (android.graphics.Color)	4279054886 (0xFF0D3226)
YUV	37.5690, 0.2125, -21.5470
Hunter-Lab	15.8326, -9.0321, 2.7309

Details

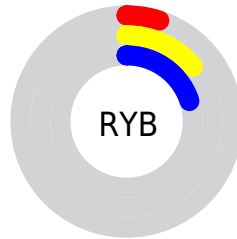
The Hex color **0D3226** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **320D19**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **3C6153**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **083224**, and if you desaturate by 10%, it is **123228**.

Distribution



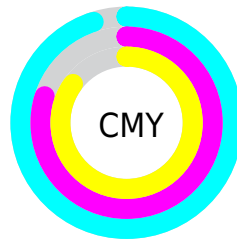
- Red (5%)
- Green (20%)
- Blue (15%)



- Red (5%)
- Yellow (14%)
- Blue (20%)



- Cyan (74%)
- Magenta (0%)
- Yellow (24%)
- Black (80%)



- Cyan (95%)
- Magenta (80%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D3226 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 0D3226 by changing the saturation by 10% instead.

 0D3226

 0D3226

 F5FFFF

 001E11

 3C6153

 000000

 547A6B

 6D9384

 87AE9E

 A1CAB9

 BCE6D5

 D8FFF1

 0D3226

 0D3226

■ 083224

■ 123228

■ 033223

■ 173229

■ 003222

■ 1C322B

■ 21322C

■ 26322E

■ 2B3230

■ 303231

■ 353233

■ 3A3235

Harmonies

Analogous

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



1F301B



0D3226



003233

Triad

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



0D3226



252B43



40251A

Complementary

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



0D3226



320D19

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.



442225



0D3226



36263D

Square

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



0D3226



0D2F44



402332



382914

Rectangle

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



0D3226



00323A



402332



42241E

Sweetspot

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



0D3226



32403B



19320D



19211E



A1A1A1



212121

Same Dimension

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



0D3226



07402D



0D2C32



171A19



00593C



00D992

Inverse Universe

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



320D19



400719



32130D



1A1718



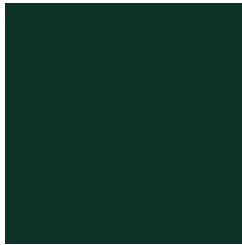
59001D



D90046

Previews

White Background



This preview shows how the Hex color 0D3226 looks on a white background.

Color Contrast Check

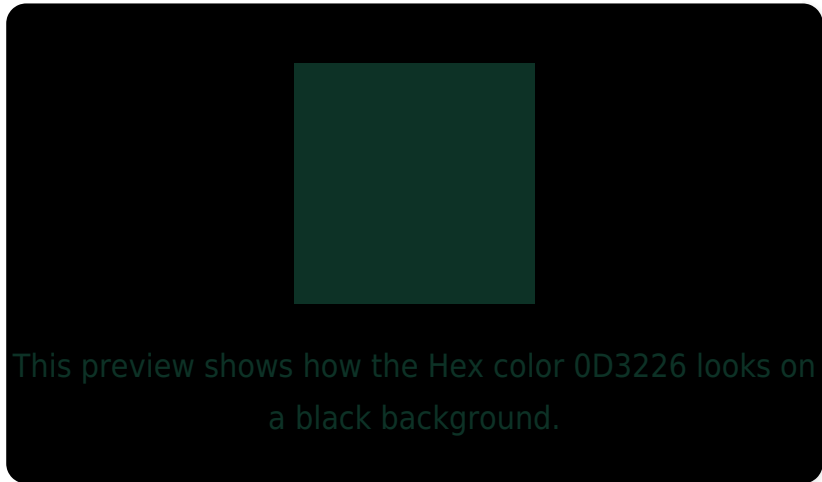
Large Text (above 18pt) WCAG AA ✓ Pass

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

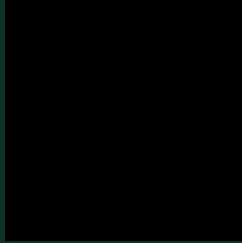
Any Text WCAG AA × Fail

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 0D3226 Background



This preview shows how black text looks on a background with the Hex color 0D3226.



This preview shows how white text looks on a background with the Hex color 0D3226.

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
0D3226

Protanopia
2F2C23

Deuteranopia
322A28



Tritanopia
143034

Trichromacy



Original Color
0D3226

Protanomaly
232E24

Deuteranomaly
252D27

Tritanomaly
11312F

Monochromacy



Original Color
0D3226

Achromatopsia
262626

Achromatomaly
1D2A26

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D3226 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 #0D3226 looks like.

```
.text, #text, p{  
    color:#0D3226  
}
```

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 #0D3226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D3226
}
```

Border

The CSS property to change the border of an element to Hex 0D3226 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
#0D3226 }
```

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

```
.border{ border-color:#0D3226 }
```

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

Here you see how a box with a 4 pixel #0D3226 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D3226; -webkit-box-shadow:4px 4px  
4px 4px #0D3226; box-shadow:4px 4px 4px  
4px #0D3226 }
```

Background

The CSS property to change the background color of an element to Hex 0D3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D3226 }
```

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

```
.background{ background-color:#0D3226 }
```

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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