

Converting Colors

Hex(0D2D1F)

Have a look what the booklet for
Hex(0D2D1F) contains.

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Color

Hex(0D2D1F)

Conversions

Conversions Part 1

Format	Color
Hex	0D2D1F
RGB	13, 45, 31
RGB Percent	5%, 18%, 12%
CMY	0.9490, 0.8235, 0.8784
CMYK	0.71, 0.00, 0.31, 0.82
HSL	154°, 55%, 11%
HSV	154°, 71%, 18%
XYZ	1.3517, 2.0613, 1.6229
YIQ	33.8360, -14.5780, -11.1380

Conversions

Conversions Part 2

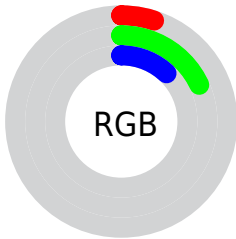
Format	Color
RYB	13, 33, 45
Decimal	863519
CIELab	15.81, -15.95, 5.62
CIELCh	16, 16.914, 160.605
Yxy	2.0613, 0.2684, 0.4093
Android (android.graphics.Color)	4279053599 (0xFF0D2D1F)
YUV	33.8360, -1.3981, -18.2732
Hunter-Lab	14.3571, -8.3196, 3.3478

Details

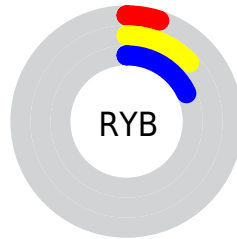
The Hex color **0D2D1F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2D0D1B**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **3A5B4B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **092D1D**, and if you desaturate by 10%, it is **122D21**.

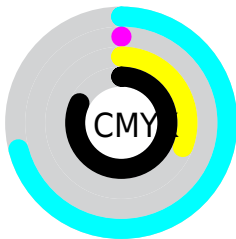
Distribution



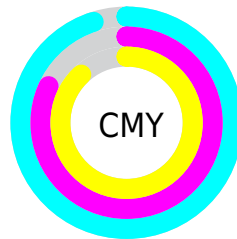
- Red (5%)
- Green (18%)
- Blue (12%)



- Red (5%)
- Yellow (13%)
- Blue (18%)



- Cyan (71%)
- Magenta (0%)
- Yellow (31%)
- Black (82%)



- Cyan (95%)
- Magenta (82%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D2D1F 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 0D2D1F by changing the saturation by 10% instead.

 0D2D1F

 0D2D1F

 F2FFFF

 001A07

 3A5B4B

 000000

 527463

 6B8D7C

 84A895

 9FC3B0

 BADFCB

 D6FCE8

 0D2D1F

 0D2D1F

■ 092D1D

■ 122D21

■ 042D1B

■ 162D23

■ 002D19

■ 1B2D25

■ 1F2D27

■ 242D29

■ 282D2B

■ 2D2D2D

■ 312D2F

■ 362D31

Harmonies

Analogous

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



1E2B15



0D2D1F



002E2B

Triad

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



0D2D1F



1C273F



3C2018

Complementary

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



0D2D1F



2D0D1B

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.



3E1E24



0D2D1F



2E233A

Square

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



0D2D1F



012B3E



3A1F30



352410

Rectangle

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



0D2D1F



002D33



3A1F30



3E1F1C

Sweetspot

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



0D2D1F



2E3B35



1B2D0D



171F1B



9E9E9E



1F1F1F

Same Dimension

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



0D2D1F



093B25



0D2B2D



151716



005731



00D678

Inverse Universe

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



2D0D1B



3B091F



2D0F0D



171516



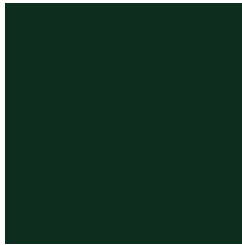
570026



D6005E

Previews

White Background



This preview shows how the Hex color 0D2D1F looks on a white background.

Color Contrast Check

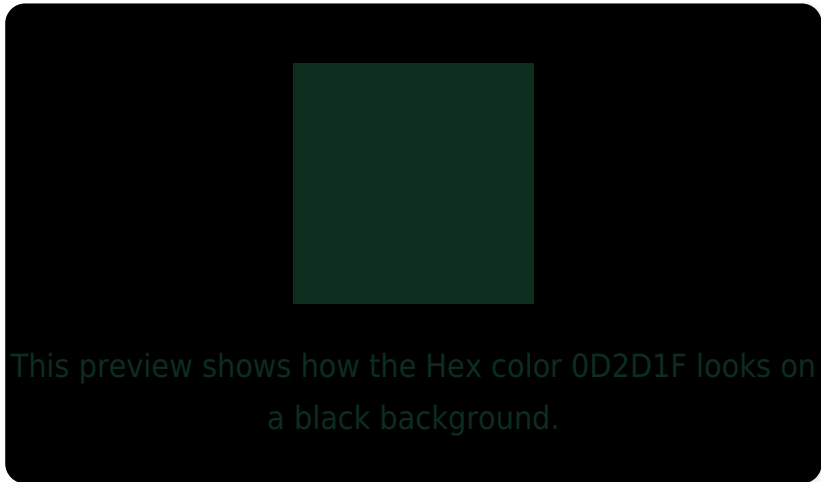
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D2D1F Background



This preview shows how black text looks on a background with the Hex color 0D2D1F.



This preview shows how white text looks on a background with the Hex color 0D2D1F.

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
0D2D1F

Protanopia
2B271D

Deuteranopia
2E2621



Tritanopia
132B2F

Trichromacy



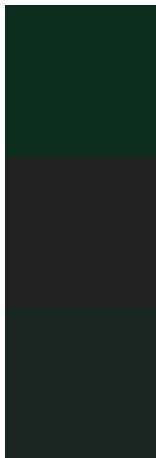
Original Color
0D2D1F

Protanomaly
20291E

Deuteranomaly
222920

Tritanomaly
112C29

Monochromacy



Original Color
0D2D1F

Achromatopsia
222222

Achromatomaly
1A2621

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D2D1F 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 #0D2D1F looks like.

```
.text, #text, p{  
    color:#0D2D1F  
}
```

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 #0D2D1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2D1F
}
```

Border

The CSS property to change the border of an element to Hex 0D2D1F 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
#0D2D1F }
```

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

```
.border{ border-color:#0D2D1F }
```

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

Here you see how a box with a 4 pixel #0D2D1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2D1F; -webkit-box-shadow:4px 4px  
4px 4px #0D2D1F; box-shadow:4px 4px 4px  
4px #0D2D1F }
```

Background

The CSS property to change the background color of an element to Hex 0D2D1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2D1F }
```

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

```
.background{ background-color:#0D2D1F }
```

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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