

Converting Colors

Hex(0D3131)

Have a look what the booklet for
Hex(0D3131) contains.

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Color

Hex(0D3131)

Conversions

Conversions Part 1

Format	Color
Hex	0D3131
RGB	13, 49, 49
RGB Percent	5%, 19%, 19%
CMY	0.9490, 0.8078, 0.8078
CMYK	0.73, 0.00, 0.00, 0.81
HSL	180°, 58%, 12%
HSV	180°, 73%, 19%
XYZ	1.8187, 2.5039, 3.2932
YIQ	38.2360, -21.4560, -7.6320

Conversions

Conversions Part 2

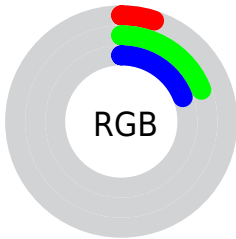
Format	Color
RYB	13, 31, 49
Decimal	864561
CIELab	17.94, -12.54, -3.80
CIELCh	18, 13.107, 196.864
Yxy	2.5039, 0.2388, 0.3288
Android (android.graphics.Color)	4279054641 (0xFF0D3131)
YUV	38.2360, 5.3067, -22.1320
Hunter-Lab	15.8238, -7.1763, -1.2625

Details

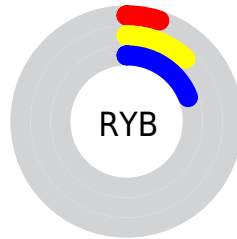
The Hex color **0D3131** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **310D0D**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **3D5F5F**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **083131**, and if you desaturate by 10%, it is **123131**.

Distribution



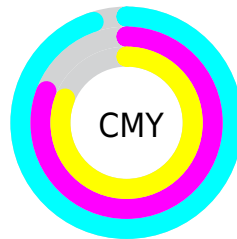
- Red (5%)
- Green (19%)
- Blue (19%)



- Red (5%)
- Yellow (12%)
- Blue (19%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0D3131 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 0D3131 by changing the saturation by 10% instead.

 0D3131

 0D3131

 F6FFFF

 001C1C

 3D5F5F

 000001

 557878

 000000

 6E9291

 88ADAC

 A2C8C7

 BEE4E3

 DAFFFF

 0D3131

 0D3131

■ 083131

■ 123131

■ 033131

■ 173131

■ 003131

■ 1C3131

■ 213131

■ 263131

■ 2A3131

■ 2F3131

■ 343131

■ 393131

Harmonies

Analogous

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



173127



0D3131



0D3039

Triad

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



0D3131



342839



362A1A

Complementary

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



0D3131



310D0D

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.



3C271F



0D3131



3C2530

Square

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



0D3131



272B3E



3F2527



2D2D1A

Rectangle

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



0D3131



142F3D



3F2527



39291B

Sweetspot

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



0D3131



324040



0D310D



192121



A1A1A1



212121

Same Dimension

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



0D3131



084040



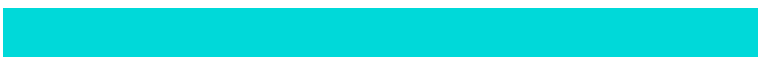
0D1F31



171A1A



005959



00D9D9

Inverse Universe

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



310D31



400840



311F0D



1A171A



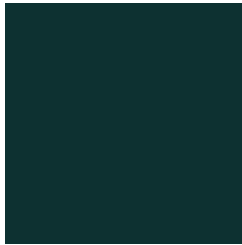
590059



D900D9

Previews

White Background



This preview shows how the Hex color 0D3131 looks on a white background.

Color Contrast Check

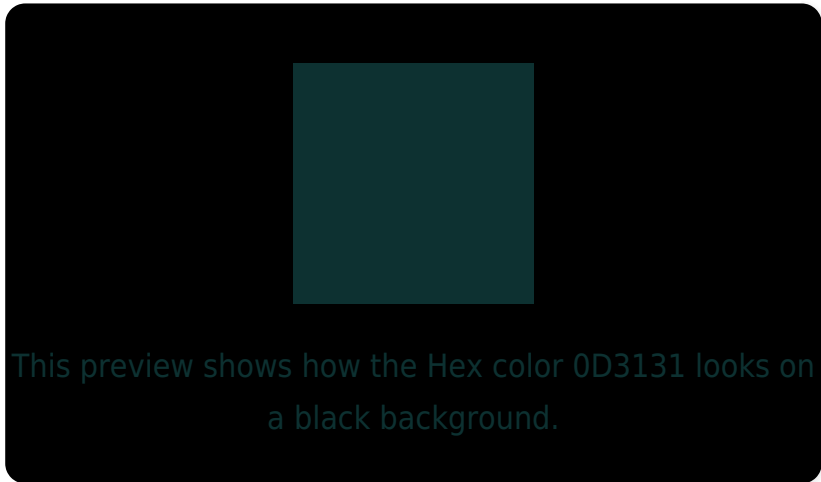
Large Text (above 18pt) WCAG AA ✓ Pass

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

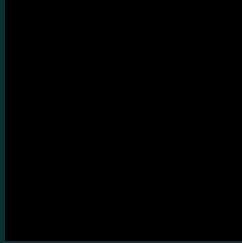
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

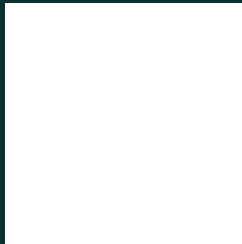
Any Text WCAG AAA × Fail

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

Hex 0D3131 Background



This preview shows how black text looks on a background with the Hex color 0D3131.



This preview shows how white text looks on a background with the Hex color 0D3131.

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

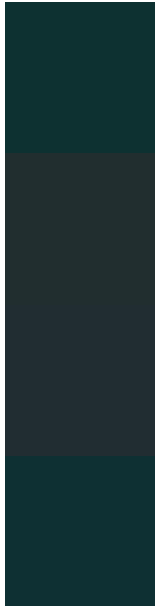


Original Color
0D3131

Protanopia
2C2C2E

Deuteranopia
2D2B32

Trichromacy



Original Color
0D3131

Protanomaly
212E2F

Deuteranomaly
212D32

Tritanomaly
0E3033

Monochromacy



Original Color
0D3131

Achromatopsia
262626

Achromatomaly
1D2A2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D3131 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 #0D3131 looks like.

```
.text, #text, p{  
    color:#0D3131  
}
```

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 #0D3131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D3131
}
```

Border

The CSS property to change the border of an element to Hex 0D3131 is called "border". The border property can be set on classes, ids or directly on the HTML element.

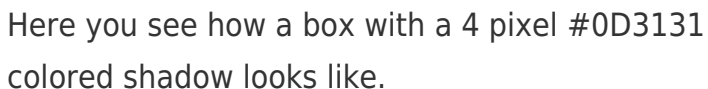
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D3131 }
```

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

```
.border{ border-color:#0D3131 }
```

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



Here you see how a box with a 4 pixel #0D3131 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D3131; -webkit-box-shadow:4px 4px  
4px 4px #0D3131; box-shadow:4px 4px 4px  
4px #0D3131 }
```

Background

The CSS property to change the background color of an element to Hex 0D3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D3131 }
```

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

```
.background{ background-color:#0D3131 }
```

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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