

Converting Colors

Hex(0D3315)

Have a look what the booklet for
Hex(0D3315) contains.

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Color

Hex(0D3315)

Conversions

Conversions Part 1

Format	Color
Hex	0D3315
RGB	13, 51, 21
RGB Percent	5%, 20%, 8%
CMY	0.9490, 0.8000, 0.9176
CMYK	0.75, 0.00, 0.59, 0.80
HSL	133°, 59%, 13%
HSV	133°, 75%, 20%
XYZ	1.4852, 2.5074, 1.1152
YIQ	36.2180, -13.0180, -17.3860

Conversions

Conversions Part 2

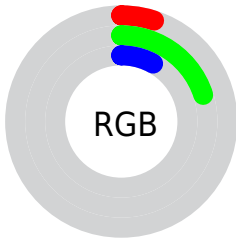
Format	Color
RYB	13, 44, 51
Decimal	865045
CIELab	17.95, -21.34, 15.10
CIELCh	18, 26.147, 144.713
Yxy	2.5074, 0.2908, 0.4909
Android (android.graphics.Color)	4279055125 (0xFF0D3315)
YUV	36.2180, -7.5025, -20.3622
Hunter-Lab	15.8346, -10.9688, 6.9087

Details

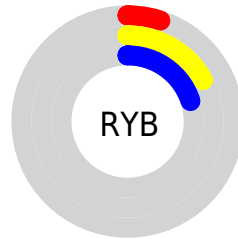
The Hex color **0D3315** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **330D2B**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **3C6240**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **083311**, and if you desaturate by 10%, it is **123319**.

Distribution



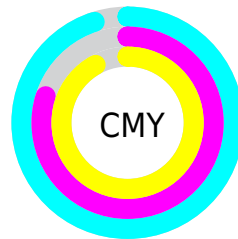
- Red (5%)
- Green (20%)
- Blue (8%)



- Red (5%)
- Yellow (17%)
- Blue (20%)



- Cyan (75%)
- Magenta (0%)
- Yellow (59%)
- Black (80%)



- Cyan (95%)
- Magenta (80%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D3315 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 0D3315 by changing the saturation by 10% instead.

 0D3315

 0D3315

 F6FFF8

 001F00

 3C6240

 000000

 547B58

 6D9570

 87B08A

 A2CBA4

 BDE7BF

 D9FFDB

 0D3315

 0D3315

■ 083311

■ 123319

■ 03330D

■ 17331D

■ 00330B

■ 1C3321

■ 213325

■ 263329

■ 2C332D

■ 313331

■ 363335

■ 3B3339

Harmonies

Analogous

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



272F04



0D3315



003528

Triad

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



0D3315



002F51



4E1C1D

Complementary

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



0D3315



330D2B

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.



4C1A30



0D3315



26284E

Square

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



0D3315



00334A



402042



46220C

Rectangle

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



0D3315



003535



402042



4E1A23

Sweetspot

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



0D3315



344237



2B330D



19211A



A1A1A1



212121

Same Dimension

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



0D3315



074214



0D3328



171A17



005913



00D92E

Inverse Universe

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



330D2B



420736



330D18



1A1719



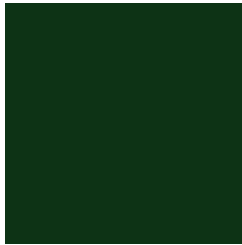
590046



D900AB

Previews

White Background



This preview shows how the Hex color 0D3315 looks on a white background.

Color Contrast Check

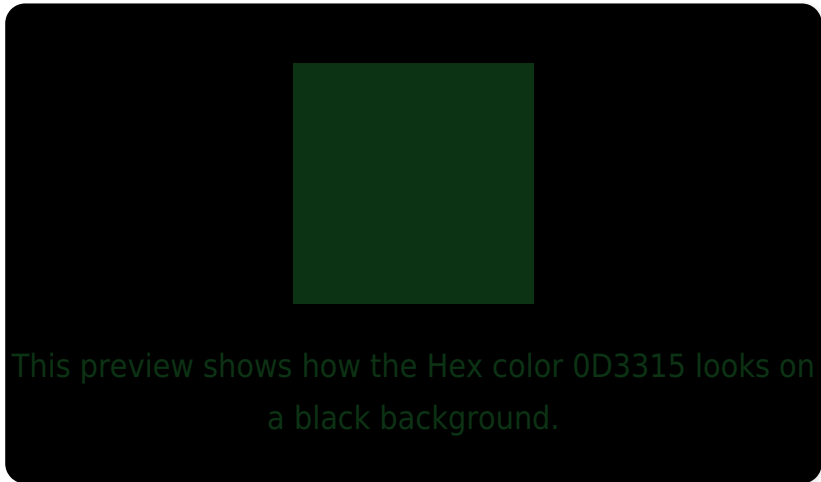
Large Text (above 18pt) WCAG AA ✓ Pass

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

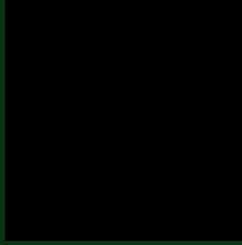
Any Text WCAG AA × Fail

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 0D3315 Background



This preview shows how black text looks on a background with the Hex color 0D3315.



This preview shows how white text looks on a background with the Hex color 0D3315.

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](#).

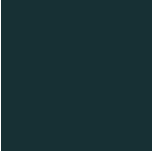
Dichromacy



Original Color
0D3315

Protanopia
312C13

Deuteranopia
362A18



Tritanopia
173034

Trichromacy



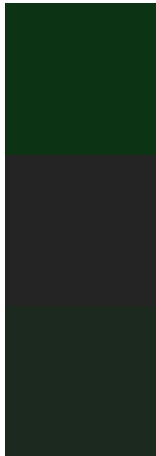
Original Color
0D3315

Protanomaly
242F14

Deuteranomaly
272D17

Tritanomaly
133129

Monochromacy



Original Color
0D3315

Achromatopsia
242424

Achromatomaly
1C291F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D3315 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 #0D3315 looks like.

```
.text, #text, p{  
    color:#0D3315  
}
```

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 #0D3315 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D3315
}
```

Border

The CSS property to change the border of an element to Hex 0D3315 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".

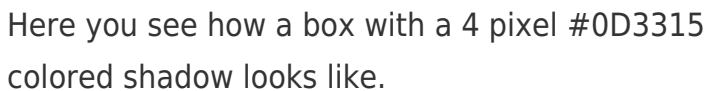
```
.border, #border, table{ border:4px solid
#0D3315 }
```

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

```
.border{ border-color:#0D3315 }
```

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

Here you see how a box with a 4 pixel #0D3315 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D3315; -webkit-box-shadow:4px 4px  
4px 4px #0D3315; box-shadow:4px 4px 4px  
4px #0D3315 }
```

Background

The CSS property to change the background color of an element to Hex 0D3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D3315 }
```

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

```
.background{ background-color:#0D3315 }
```

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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