

Converting Colors

Hex(0B3322)

Have a look what the booklet for
Hex(0B3322) contains.

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Color

Hex(0B3322)

Conversions

Conversions Part 1

Format	Color
Hex	0B3322
RGB	11, 51, 34
RGB Percent	4%, 20%, 13%
CMY	0.9569, 0.8000, 0.8667
CMYK	0.78, 0.00, 0.33, 0.80
HSL	154°, 65%, 12%
HSV	154°, 78%, 20%
XYZ	1.6106, 2.5543, 1.9215
YIQ	37.1020, -18.3830, -13.7670

Conversions

Conversions Part 2

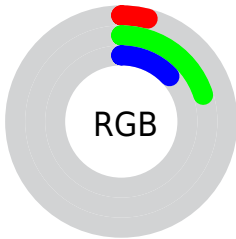
Format	Color
R_{YB}	11, 36, 51
Decimal	733986
CIE _{Lab}	18.16, -18.83, 6.83
CIE _{LCh}	18, 20.027, 160.059
Yxy	2.5543, 0.2646, 0.4197
Android (android.graphics.Color)	4278924066 (0xFF0B3322)
YUV	37.1020, -1.5293, -22.8915
Hunter-Lab	15.9822, -9.9808, 4.0591

Details

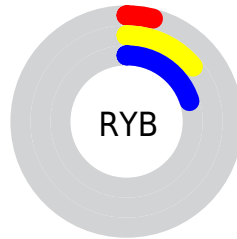
The Hex color **0B3322** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **330B1C**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **3B624E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **063320**, and if you desaturate by 10%, it is **103324**.

Distribution



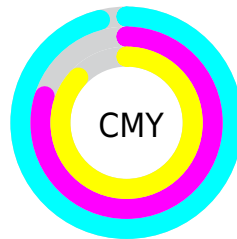
- Red (4%)
- Green (20%)
- Blue (13%)



- Red (4%)
- Yellow (14%)
- Blue (20%)



- Cyan (78%)
- Magenta (0%)
- Yellow (33%)
- Black (80%)



- Cyan (96%)
- Magenta (80%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B3322 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 0B3322 by changing the saturation by 10% instead.


 0B3322

 0B3322

 F4FFFF

 001E0C

 3B624E

 000000

 537B66

 6C957F

 85B099

 A0CBB4

 BBE7D0

 D7FFEC

 0B3322

 0B3322

■ 063320

■ 103324

■ 01331E

■ 153326

■ 00331D

■ 1A3329

■ 1F332B

■ 25332D

■ 2A332F

■ 2F3331

■ 343333

■ 393336

Harmonies

Analogous

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



213115



0B3322



003431

Triad

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



0B3322



1D2C49



45231A

Complementary

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



0B3322



330B1C

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.



472028



0B3322



342743

Square

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



0B3322



003147



422237



3D2811

Rectangle

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



0B3322



00333A



422237



47221F

Sweetspot

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



0B3322



32423C



1C330B



18211D



A1A1A1



212121

Same Dimension

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



0B3322



044228



0B3033



171A18



005933



00D97D

Inverse Universe

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



330B1C



42041E



330E0B



1A1718



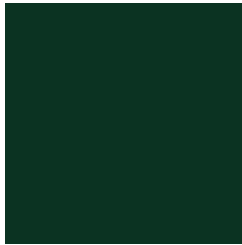
590026



D9005C

Previews

White Background



This preview shows how the Hex color 0B3322 looks on a white background.

Color Contrast Check

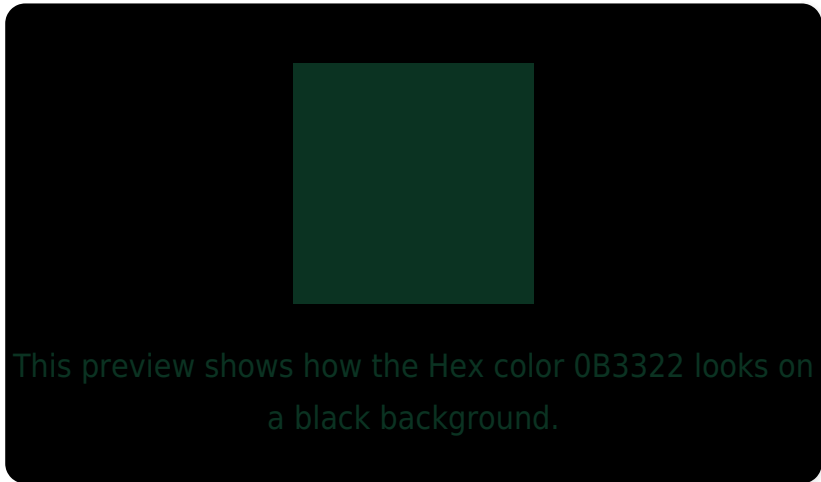
Large Text (above 18pt) WCAG AA ✓ Pass

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

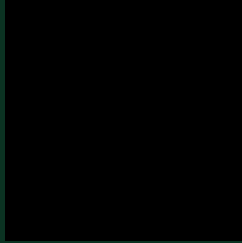
Any Text WCAG AA × Fail

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 0B3322 Background



This preview shows how black text looks on a background with the Hex color 0B3322.



This preview shows how white text looks on a background with the Hex color 0B3322.

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](#).

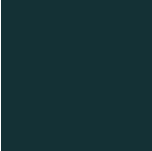
Dichromacy



Original Color
0B3322

Protanopia
302D1F

Deuteranopia
342B24



Tritanopia
143135

Trichromacy



Original Color
0B3322

Protanomaly
232F20

Deuteranomaly
252E23

Tritanomaly
11322E

Monochromacy



Original Color
0B3322

Achromatopsia
252525

Achromatomaly
1C2A24

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B3322 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 #0B3322 looks like.

```
.text, #text, p{  
    color:#0B3322  
}
```

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 #0B3322 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B3322
}
```

Border

The CSS property to change the border of an element to Hex 0B3322 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".

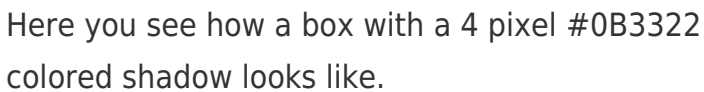
```
.border, #border, table{ border:4px solid
#0B3322 }
```

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

```
.border{ border-color:#0B3322 }
```

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

Here you see how a box with a 4 pixel #0B3322 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B3322; -webkit-box-shadow:4px 4px  
4px 4px #0B3322; box-shadow:4px 4px 4px  
4px #0B3322 }
```

Background

The CSS property to change the background color of an element to Hex 0B3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B3322 }
```

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

```
.background{ background-color:#0B3322 }
```

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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