

Converting Colors

Hex(0A330A)

Have a look what the booklet for
Hex(0A330A) contains.

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Color

Hex(0A330A)

Conversions

Conversions Part 1

Format	Color
Hex	0A330A
RGB	10, 51, 10
RGB Percent	4%, 20%, 4%
CMY	0.9608, 0.8000, 0.9608
CMYK	0.80, 0.00, 0.80, 0.80
HSL	120°, 67%, 12%
HSV	120°, 80%, 20%
XYZ	1.3638, 2.4541, 0.6890
YIQ	34.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

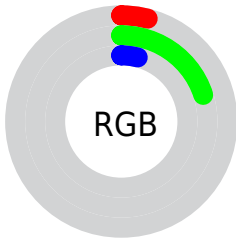
Format	Color
RYB	10, 51, 51
Decimal	668426
CIELab	17.71, -23.80, 20.68
CIELCh	18, 31.530, 139.015
Yxy	2.4541, 0.3026, 0.5445
Android (android.graphics.Color)	4278858506 (0xFF0A330A)
YUV	34.0670, -11.8650, -21.1068
Hunter-Lab	15.6656, -11.8752, 8.3583

Details

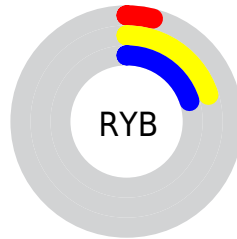
The Hex color **0A330A** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **330A33**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **3A6236**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **053305**, and if you desaturate by 10%, it is **0F330F**.

Distribution



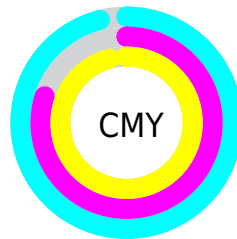
- Red (4%)
- Green (20%)
- Blue (4%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0A330A 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 0A330A by changing the saturation by 10% instead.

 0A330A

 0A330A

 F4FFEC

 001F00

 3A6236

 000000

 537B4D

 6C9566

 86B07F

 A0CB99

 BCE8B4

 D8FFCF

 0A330A

 0A330A

■ 053305

■ 0F330F

■ 003300

■ 143314

■ 193319

■ 1E331E

■ 243324

■ 293329

■ 2E332E

■ 333333

■ 383338

Harmonies

Analogous

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



2A2F00



0A330A



003522

Triad

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



0A330A



003058



53141E

Complementary

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



0A330A



330A33

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.



501435



0A330A



182957

Square

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



0A330A



00344D



3E1E49



4C1D06

Rectangle

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



0A330A



003632



3E1E49



531326

Sweetspot

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



0A330A



324232



33330A



182118



A1A1A1



212121

Same Dimension

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



0A330A



034203



0A331F



171A17



005900



00D900

Inverse Universe

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



330A33



420342



330A1F



1A171A



590059



D900D9

Previews

White Background



This preview shows how the Hex color 0A330A looks on a white background.

Color Contrast Check

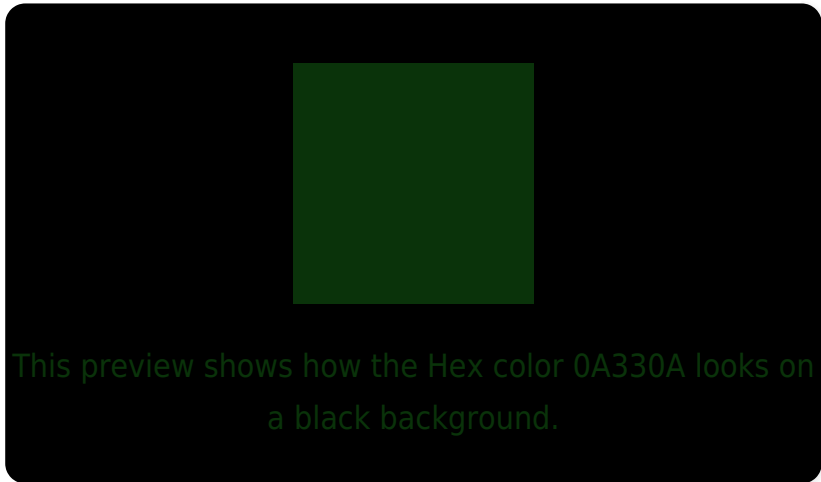
Large Text (above 18pt) WCAG AA ✓ Pass

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

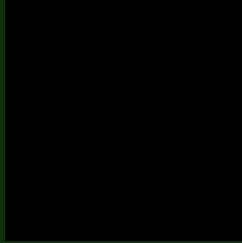
Any Text WCAG AA × Fail

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 0A330A Background



This preview shows how black text looks on a background with the Hex color 0A330A.



This preview shows how white text looks on a background with the Hex color 0A330A.

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
0A330A

Protanopia
312C08

Deuteranopia
372A0F



Tritanopia
172F33

Trichromacy



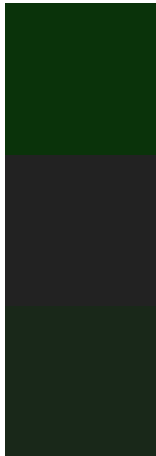
Original Color
0A330A

Protanomaly
232F09

Deuteranomaly
272D0D

Tritanomaly
123024

Monochromacy



Original Color
0A330A

Achromatopsia
222222

Achromatomaly
192819

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A330A 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 #0A330A looks like.

```
.text, #text, p{  
    color:#0A330A  
}
```

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 #0A330A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A330A
}
```

Border

The CSS property to change the border of an element to Hex 0A330A 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
#0A330A }
```

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

```
.border{ border-color:#0A330A }
```

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

Here you see how a box with a 4 pixel #0A330A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A330A; -webkit-box-shadow:4px 4px  
4px 4px #0A330A; box-shadow:4px 4px 4px  
4px #0A330A }
```

Background

The CSS property to change the background color of an element to Hex 0A330A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A330A }
```

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

```
.background{ background-color:#0A330A }
```

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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