

Converting Colors

Hex(00330D)

Have a look what the booklet for
Hex(00330D) contains.

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Color

Hex(00330D)

Conversions

Conversions Part 1

Format	Color
Hex	00330D
RGB	0, 51, 13
RGB Percent	0%, 20%, 5%
CMY	1.0000, 0.8000, 0.9490
CMYK	1.00, 0.00, 0.75, 0.80
HSL	135°, 100%, 10%
HSV	135°, 100%, 20%
XYZ	1.2565, 2.3967, 0.7772
YIQ	31.4190, -18.1980, -22.6300

Conversions

Conversions Part 2

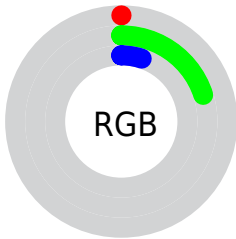
Format	Color
RYB	0, 41, 51
Decimal	13069
CIELab	17.44, -25.93, 18.96
CIELCh	17, 32.127, 143.828
Yxy	2.3967, 0.2836, 0.5410
Android (android.graphics.Color)	4278203149 (0xFF00330D)
YUV	31.4190, -9.0806, -27.5545
Hunter-Lab	15.4813, -12.6051, 7.8606

Details

The Hex color **00330D** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **330026**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **336238**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00330D**, and if you desaturate by 10%, it is **053311**.

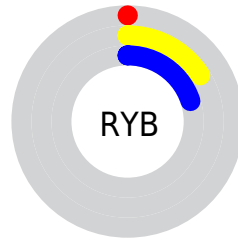
Distribution



Red (0%)

Green (20%)

Blue (5%)



Red (0%)

Yellow (16%)

Blue (20%)

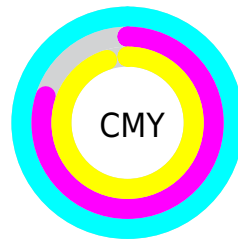


Cyan (100%)

Magenta (0%)

Yellow (75%)

Black (80%)



Cyan (100%)

Magenta (80%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00330D 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 00330D by changing the saturation by 10% instead.

 00330D

 00330D

 EDFFE

 001F00

 336238

 000000

 4C7B50

 659568

 7FB081

 99CC9B

 B5E8B6

 D1FFD2

 00330D

■ 053311

■ 0A3315

■ 0F3318

■ 14331C

■ 1A3320

■ 1F3324

■ 243328

■ 29332B

■ 2E332F

Harmonies

Analogous

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



252F00



00330D



003525

Triad

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



00330D



002F59



53141A

Complementary

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



00330D



330026

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.



511231



00330D



1F2755

Square

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



00330D



003450



421B46



4A1E00

Rectangle

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



00330D



003535



421B46



531221

Sweetspot

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



00330D



2E4233



263300



152118



A1A1A1



212121

Same Dimension

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



00330D



004211



003326



171A18



005917



00D937

Inverse Universe

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



330026



420031



33000D



1A1719



590043



D900A2

Previews

White Background



This preview shows how the Hex color 00330D looks on a white background.

Color Contrast Check

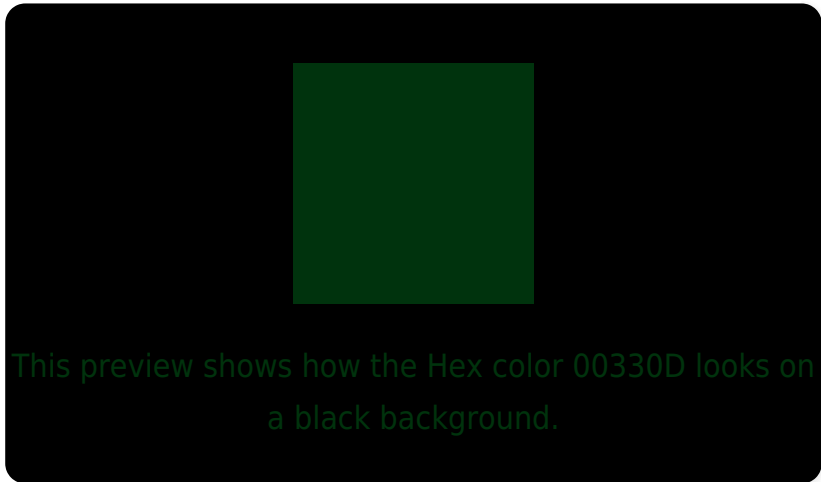
Large Text (above 18pt) WCAG AA ✓ Pass

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

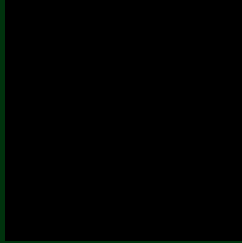
Any Text WCAG AA × Fail

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 00330D Background



This preview shows how black text looks on a background with the Hex color 00330D.



This preview shows how white text looks on a background with the Hex color 00330D.

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](#).

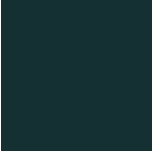
Dichromacy



Original Color
00330D

Protanopia
312C0B

Deuteranopia
362911



Tritanopia
153033

Trichromacy



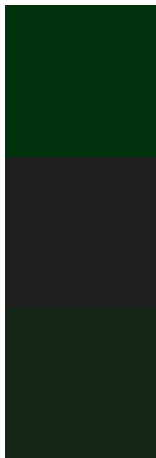
Original Color
00330D

Protanomaly
1F2F0C

Deuteranomaly
222D10

Tritanomaly
0D3125

Monochromacy



Original Color
00330D

Achromatopsia
1F1F1F

Achromatomaly
142618

CSS Examples

Text

The CSS property to change the color of the text to Hex 00330D 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 #00330D looks like.

```
.text, #text, p{  
    color:#00330D  
}
```

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 #00330D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00330D
}
```

Border

The CSS property to change the border of an element to Hex 00330D 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".

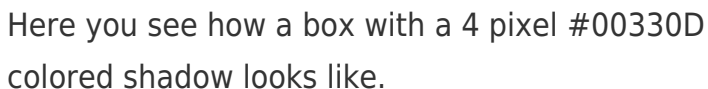
```
.border, #border, table{ border:4px solid
#00330D }
```

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

```
.border{ border-color:#00330D }
```

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

Here you see how a box with a 4 pixel #00330D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00330D; -webkit-box-shadow:4px 4px  
4px 4px #00330D; box-shadow:4px 4px 4px  
4px #00330D }
```

Background

The CSS property to change the background color of an element to Hex 00330D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00330D }
```

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

```
.background{ background-color:#00330D }
```

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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