

Converting Colors

Hex(333B0C)

Have a look what the booklet for
Hex(333B0C) contains.

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Color

Hex(333B0C)

Conversions

Conversions Part 1

Format	Color
Hex	333B0C
RGB	51, 59, 12
RGB Percent	20%, 23%, 5%
CMY	0.8000, 0.7686, 0.9529
CMYK	0.14, 0.00, 0.80, 0.77
HSL	70°, 66%, 14%
HSV	70°, 80%, 23%
XYZ	2.9956, 3.8583, 0.9347
YIQ	51.2500, 10.3190, -16.3130

Conversions

Conversions Part 2

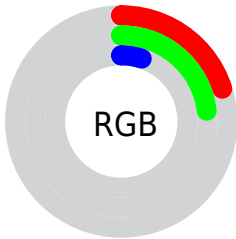
Format	Color
RYB	12, 59, 20
Decimal	3357452
CIELab	23.20, -11.02, 26.63
CIElCh	23, 28.816, 112.478
Yxy	3.8583, 0.3846, 0.4954
Android (android.graphics.Color)	4281547532 (0xFF333B0C)
YUV	51.2500, -19.3502, -0.2192
Hunter-Lab	19.6425, -7.1524, 10.9285

Details

The Hex color **333B0C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **140C3B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **636A39**, and **001200** is the 20% darker color. If you saturate the color by 10%, you get **323B06**, and if you desaturate by 10%, it is **343B12**.

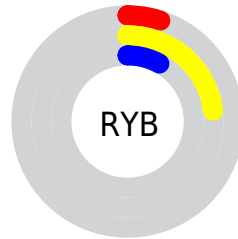
Distribution



Red (20%)

Green (23%)

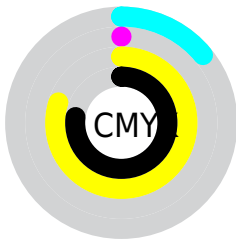
Blue (5%)



Red (5%)

Yellow (23%)

Blue (8%)

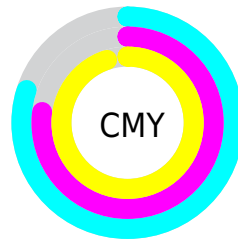


Cyan (14%)

Magenta (0%)

Yellow (80%)

Black (77%)



Cyan (80%)

Magenta (77%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333B0C 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 333B0C by changing the saturation by 10% instead.

 333B0C

 333B0C

 FFFFF0

 1E2500

 636A39

 001200

 7D8351

 000000

 979D69

 B2B883

 CED49D

 EAF0B8

 FFFFD4

 333B0C

 333B0C

■ 323B06

■ 343B12

■ 313B00

■ 353B18

■ 363B1E

■ 373B24

■ 383B2A

■ 393B2F

■ 3A3B35

■ 3B3B3B

■ 3C3B41

Harmonies

Analogous

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



473409



333B0C



183F1C

Triad

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



333B0C



004059



5C243E

Complementary

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



333B0C



140C3B

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.



4C2B52



333B0C



003B62

Square

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



333B0C



004247



2E345F



5E2528

Rectangle

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



333B0C



00412A



2E345F



582645

Sweetspot

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



333B0C



494D3A



3B140C



24261B



A6A6A6



262626

Same Dimension

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



333B0C



404D03



1C3B0C



1E1F1C



4E5E00



B8DE00

Inverse Universe

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



140C3B



10034D



2B0C3B



1C1C1F



10005E



2600DE

Previews

White Background



This preview shows how the Hex color 333B0C looks on a white background.

Color Contrast Check

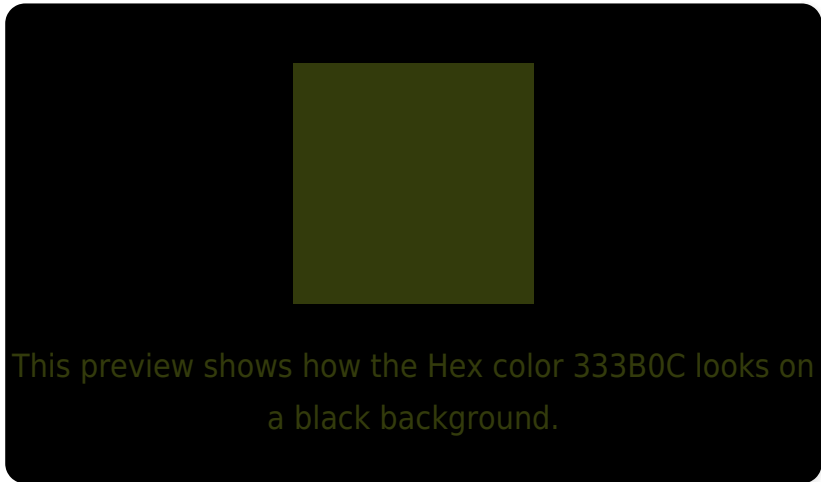
Large Text (above 18pt) WCAG AA ✓ Pass

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

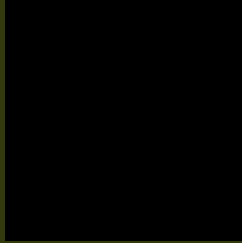
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

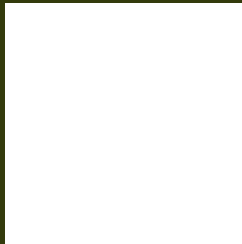
Any Text WCAG AAA × Fail

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

Hex 333B0C Background



This preview shows how black text looks on a background with the Hex color 333B0C.



This preview shows how white text looks on a background with the Hex color 333B0C.

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
333B0C

Protanopia
3E380B

Deuteranopia
46350F



Tritanopia
37373B

Trichromacy



Original Color
333B0C

Protanomaly
3A390B

Deuteranomaly
3F370E

Tritanomaly
36382A

Monochromacy



Original Color
333B0C

Achromatopsia
333333

Achromatomaly
333625

CSS Examples

Text

The CSS property to change the color of the text to Hex 333B0C 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 #333B0C looks like.

```
.text, #text, p{  
    color:#333B0C  
}
```

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 #333B0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333B0C  
}
```

Border

The CSS property to change the border of an element to Hex 333B0C 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".

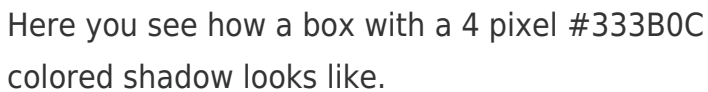
```
.border, #border, table{ border:4px solid  
#333B0C }
```

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

```
.border{ border-color:#333B0C }
```

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

Here you see how a box with a 4 pixel #333B0C 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 #333B0C; -webkit-box-shadow:4px 4px  
4px 4px #333B0C; box-shadow:4px 4px 4px  
4px #333B0C }
```

Background

The CSS property to change the background color of an element to Hex 333B0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333B0C }
```

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

```
.background{ background-color:#333B0C }
```

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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