

Converting Colors

Hex(330B0B)

Have a look what the booklet for
Hex(330B0B) contains.

Hex(330B0B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(330B0B)

Conversions

Conversions Part 1

Format	Color
Hex	330B0B
RGB	51, 11, 11
RGB Percent	20%, 4%, 4%
CMY	0.8000, 0.9569, 0.9569
CMYK	0.00, 0.78, 0.78, 0.80
HSL	0°, 65%, 12%
HSV	0°, 78%, 20%
XYZ	1.5453, 0.9673, 0.4219
YIQ	22.9600, 23.8400, 8.4800

Conversions

Conversions Part 2

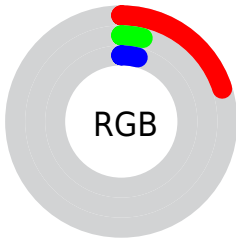
Format	Color
RYB	51, 11, 11
Decimal	3345163
CIELab	8.72, 20.13, 8.99
CIELCh	9, 22.049, 24.072
Yxy	0.9673, 0.5266, 0.3296
Android (android.graphics.Color)	4281535243 (0xFF330B0B)
YUV	22.9600, -5.8963, 24.5911
Hunter-Lab	9.8352, 10.8345, 4.3415

Details

The Hex color **330B0B** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0B3333**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **643737**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **330606**, and if you desaturate by 10%, it is **331010**.

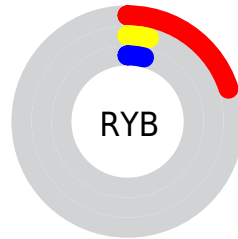
Distribution



Red (20%)

Green (4%)

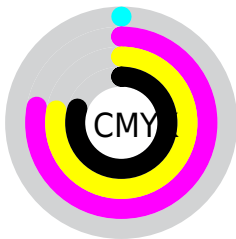
Blue (4%)



Red (20%)

Yellow (4%)

Blue (4%)

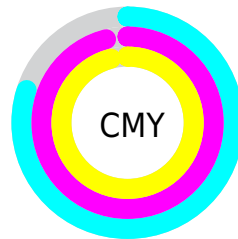


Cyan (0%)

Magenta (78%)

Yellow (78%)

Black (80%)



Cyan (80%)

Magenta (96%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 330B0B 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 330B0B by changing the saturation by 10% instead.

 330B0B

 330B0B

 FFEDEB

 1C0001

 643737

 000000

 7E4E4D

 996765

 B5807E

 D19A98

 EEB5B3

 FFD1CF

 330B0B

 330B0B

■ 330606

■ 331010

■ 330101

■ 331515

■ 330000

■ 331A1A

■ 331F1F

■ 332525

■ 332A2A

■ 332F2F

■ 333434

■ 333939

Harmonies

Analogous

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



310A1C



330B0B



2E1100

Triad

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



330B0B



001F00



001C36

Complementary

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



330B0B



0B3333

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.



001F31



330B0B



002015

Square

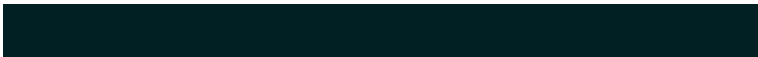
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



330B0B



151C00



002024



131634

Rectangle

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



330B0B



271500



002024



001D35

Sweetspot

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



330B0B



423232



330B33



211818



A1A1A1



212121

Same Dimension

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



330B0B



420404



331F0B



1A1717



590000



D90000

Inverse Universe

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



0B3333



044242



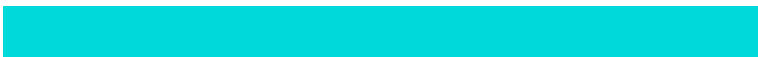
0B1F33



171A1A



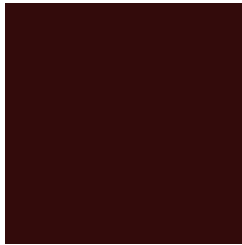
005959



00D9D9

Previews

White Background



This preview shows how the Hex color 330B0B 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

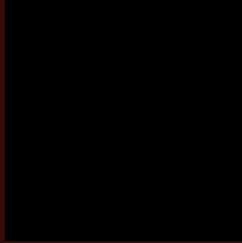
Any Text WCAG AA × Fail

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 330B0B Background



This preview shows how black text looks on a background with the Hex color 330B0B.

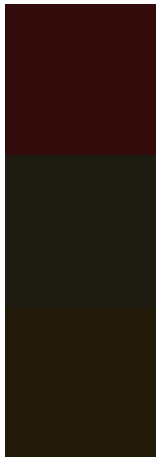


This preview shows how white text looks on a background with the Hex color 330B0B.

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](#).

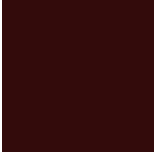
Dichromacy



Original Color
330B0B

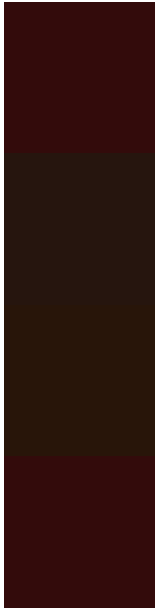
Protanopia
1E1B10

Deuteranopia
221A08



Tritanopia
330B0B

Trichromacy



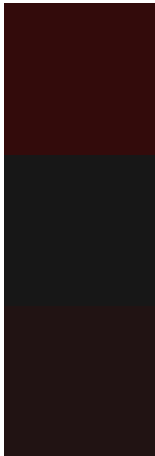
Original Color
330B0B

Protanomaly
26150E

Deuteranomaly
281509

Tritanomaly
330B0B

Monochromacy



Original Color
330B0B

Achromatopsia
171717

Achromatomaly
211313

CSS Examples

Text

The CSS property to change the color of the text to Hex 330B0B 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 #330B0B looks like.

```
.text, #text, p{  
    color:#330B0B  
}
```

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 #330B0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #330B0B
}
```

Border

The CSS property to change the border of an element to Hex 330B0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

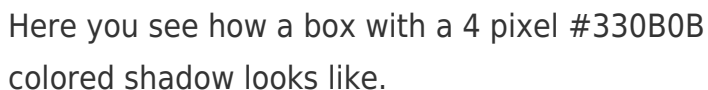
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#330B0B }
```

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

```
.border{ border-color:#330B0B }
```

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



Here you see how a box with a 4 pixel `#330B0B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #330B0B; -webkit-box-shadow:4px 4px  
4px 4px #330B0B; box-shadow:4px 4px 4px  
4px #330B0B }
```

Background

The CSS property to change the background color of an element to Hex 330B0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#330B0B }
```

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

```
.background{ background-color:#330B0B }
```

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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