

Converting Colors

Hex(310B00)

Have a look what the booklet for
Hex(310B00) contains.

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Color

Hex(310B00)

Conversions

Conversions Part 1

Format	Color
Hex	310B00
RGB	49, 11, 0
RGB Percent	19%, 4%, 0%
CMY	0.8078, 0.9569, 1.0000
CMYK	0.00, 0.78, 1.00, 0.81
HSL	13°, 100%, 10%
HSV	13°, 100%, 19%
XYZ	1.3863, 0.8923, 0.0992
YIQ	21.1080, 26.1790, 4.6350

Conversions

Conversions Part 2

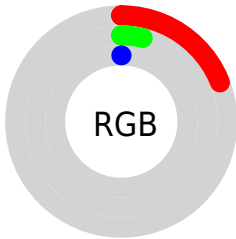
Format	Color
RYB	49, 14, 0
Decimal	3214080
CIELab	8.06, 18.46, 12.48
CIElCh	8, 22.279, 34.062
Yxy	0.8923, 0.5830, 0.3753
Android (android.graphics.Color)	4281404160 (0xFF310B00)
YUV	21.1080, -10.4062, 24.4613
Hunter-Lab	9.4462, 9.6651, 5.9899

Details

The Hex color **310B00** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002631**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **623730**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **310B00**, and if you desaturate by 10%, it is **310F05**.

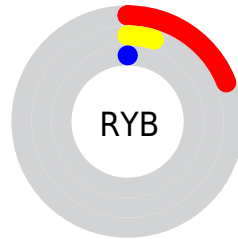
Distribution



Red (19%)

Green (4%)

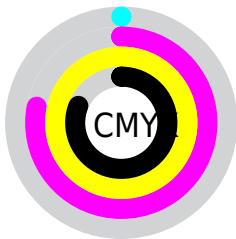
Blue (0%)



Red (19%)

Yellow (5%)

Blue (0%)

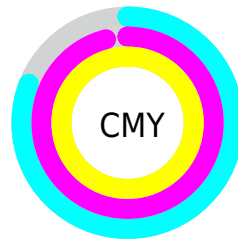


Cyan (0%)

Magenta (78%)

Yellow (100%)

Black (81%)



Cyan (81%)


Magenta (96%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 310B00 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 310B00 by changing the saturation by 10% instead.

 310B00

 310B00

 FFECE2

 160000

 623730

 000000

 7C4E46


 96665E

 B27F77

 CE9990

 EBB4AB

 FFD0C6

 310B00

■ 310F05

■ 31130A

■ 31160F

■ 311A14

■ 311E19

■ 31221D

■ 312622

■ 312927

■ 312D2C

Harmonies

Analogous

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



310816



310B00



291200

Triad

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



310B00



001F05



001935

Complementary

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



310B00



002631

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.



001D32



310B00



002019

Square

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



310B00



0D1C00



001F28



1A1330

Rectangle

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



310B00



221600



001F28



001A35

Sweetspot

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



310B00



40312D



310026



211815



A1A1A1



212121

Same Dimension

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



310B00



400E00



312300



1A1817



591400



D93100

Inverse Universe

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



002631



003140



000E31



17191A



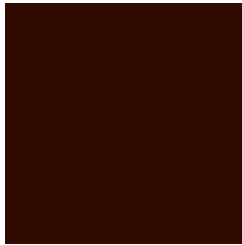
004559



00A8D9

Previews

White Background



This preview shows how the Hex color 310B00 looks on a white background.

Color Contrast Check

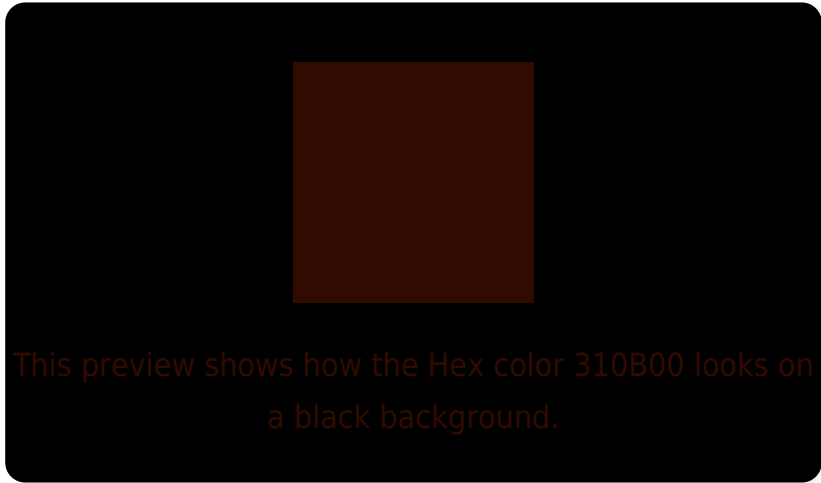
Large Text (above 18pt) WCAG AA ✓ Pass

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

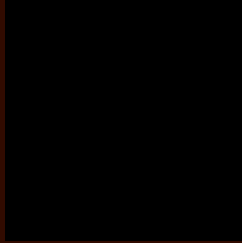
Any Text WCAG AA × Fail

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 310B00 Background



This preview shows how black text looks on a background with the Hex color 310B00.

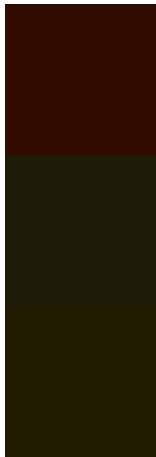


This preview shows how white text looks on a background with the Hex color 310B00.

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](#).

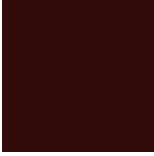
Dichromacy



Original Color
310B00

Protanopia
1D1A06

Deuteranopia
211900



Tritanopia
310A0A

Trichromacy



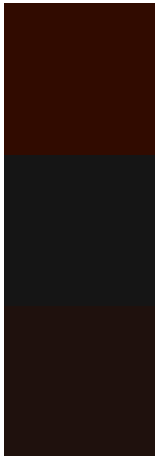
Original Color
310B00

Protanomaly
241504

Deuteranomaly
271400

Tritanomaly
310A06

Monochromacy



Original Color
310B00

Achromatopsia
151515

Achromatomaly
1F110D

CSS Examples

Text

The CSS property to change the color of the text to Hex 310B00 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 #310B00 looks like.

```
.text, #text, p{  
    color:#310B00  
}
```

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 #310B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #310B00  
}
```

Border

The CSS property to change the border of an element to Hex 310B00 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  
#310B00 }
```

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

```
.border{ border-color:#310B00 }
```

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

Here you see how a box with a 4 pixel #310B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #310B00; -webkit-box-shadow:4px 4px  
4px 4px #310B00; box-shadow:4px 4px 4px  
4px #310B00 }
```

Background

The CSS property to change the background color of an element to Hex 310B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#310B00 }
```

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

```
.background{ background-color:#310B00 }
```

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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