

Converting Colors

Hex(310303)

Have a look what the booklet for
Hex(310303) contains.

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Color

Hex(310303)

Conversions

Conversions Part 1

Format	Color
Hex	310303
RGB	49, 3, 3
RGB Percent	19%, 1%, 1%
CMY	0.8078, 0.9882, 0.9882
CMYK	0.00, 0.94, 0.94, 0.81
HSL	0°, 88%, 10%
HSV	0°, 94%, 19%
XYZ	1.3156, 0.7247, 0.1567
YIQ	16.7540, 27.4160, 9.7520

Conversions

Conversions Part 2

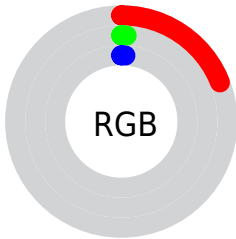
Format	Color
R_{YB}	49, 3, 3
Decimal	3212035
CIE Lab	6.55, 22.87, 9.04
CIE LCh	7, 24.595, 21.577
Yxy	0.7247, 0.5988, 0.3298
Android (android.graphics.Color)	4281402115 (0xFF310303)
YUV	16.7540, -6.7807, 28.2797
Hunter-Lab	8.5127, 12.6894, 4.8676

Details

The Hex color **310303** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **033131**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **623032**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **310000**, and if you desaturate by 10%, it is **310808**.

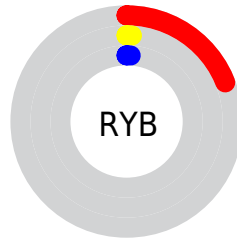
Distribution



Red (19%)

Green (1%)

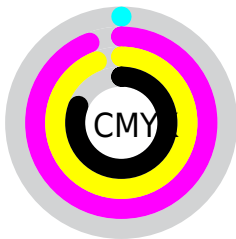
Blue (1%)



Red (19%)

Yellow (1%)

Blue (1%)

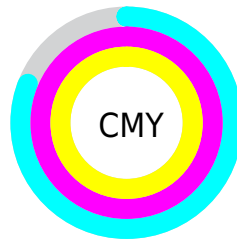


Cyan (0%)

Magenta (94%)

Yellow (94%)

Black (81%)



Cyan (81%)


Magenta (99%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 310303 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 310303 by changing the saturation by 10% instead.

 310303

 310303

 FFE5E5

 130000

 623032

 000000

 7C4748

 975F60

 B37879

 CF9293

 ECADAD

 FFC9C8

 310303

 310303

■ 310000

■ 310808

■ 310D0D

■ 311212

■ 311717

■ 311C1C

■ 312020

■ 312525

■ 312A2A

■ 312F2F

Harmonies

Analogous

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



2E031A



310303



2B0A00

Triad

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



310303



001C00



001835

Complementary

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



310303



033131

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.



001C2E



310303



001E0E

Square

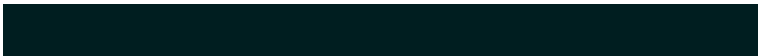
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



310303



0D1800



001E20



081233

Rectangle

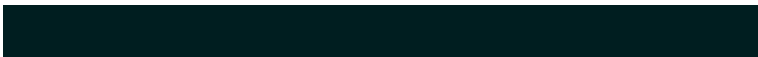
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



310303



241000



001E20



001A33

Sweetspot

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



310303



402E2E



310331



211616



A1A1A1



212121

Same Dimension

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



310303



400000



311A03



1A1717



590000



D90000

Inverse Universe

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



033131



004040



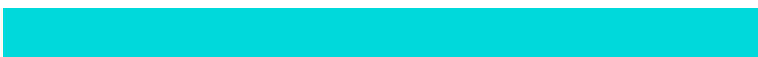
031A31



171A1A



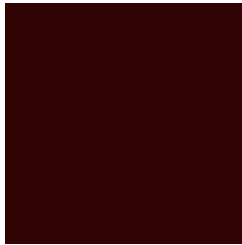
005959



00D9D9

Previews

White Background



This preview shows how the Hex color 310303 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

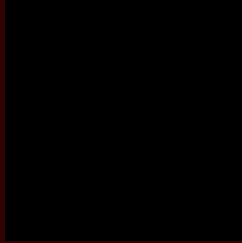
Any Text WCAG AA × Fail

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 310303 Background



This preview shows how black text looks on a background with the Hex color 310303.

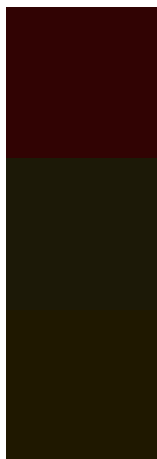


This preview shows how white text looks on a background with the Hex color 310303.

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](#).

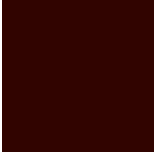
Dichromacy



Original Color
310303

Protanopia
1C1907

Deuteranopia
1F1800



Tritanopia
310400

Trichromacy



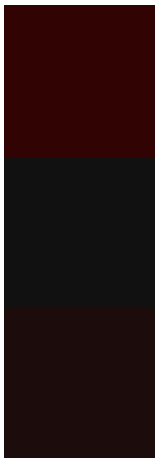
Original Color
310303

Protanomaly
241106

Deuteranomaly
261001

Tritanomaly
310401

Monochromacy



Original Color
310303

Achromatopsia
111111

Achromatomaly
1D0C0C

CSS Examples

Text

The CSS property to change the color of the text to Hex 310303 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 #310303 looks like.

```
.text, #text, p{  
    color:#310303  
}
```

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 #310303 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #310303
}
```

Border

The CSS property to change the border of an element to Hex 310303 is called "border". The border property can be set on classes, ids or directly on the HTML element.

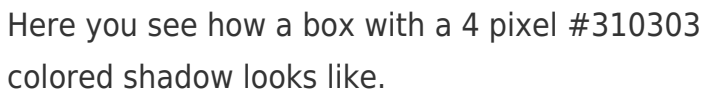
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#310303 }
```

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

```
.border{ border-color:#310303 }
```

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



Here you see how a box with a 4 pixel #310303 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #310303; -webkit-box-shadow:4px 4px  
4px 4px #310303; box-shadow:4px 4px 4px  
4px #310303 }
```

Background

The CSS property to change the background color of an element to Hex 310303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#310303 }
```

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

```
.background{ background-color:#310303 }
```

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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