

Converting Colors

Hex(310A0D)

Have a look what the booklet for
Hex(310A0D) contains.

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Color

Hex(310A0D)

Conversions

Conversions Part 1

Format	Color
Hex	310A0D
RGB	49, 10, 13
RGB Percent	19%, 4%, 5%
CMY	0.8078, 0.9608, 0.9490
CMYK	0.00, 0.80, 0.73, 0.81
HSL	355°, 66%, 12%
HSV	355°, 80%, 19%
XYZ	1.4478, 0.8991, 0.4780
YIQ	22.0030, 22.2810, 9.2010

Conversions

Conversions Part 2

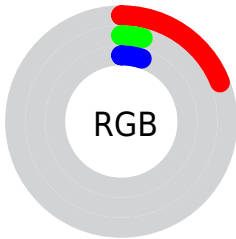
Format	Color
RYB	49, 10, 13
Decimal	3213837
CIELab	8.12, 19.97, 7.16
CIELCh	8, 21.221, 19.732
Yxy	0.8991, 0.5125, 0.3183
Android (android.graphics.Color)	4281403917 (0xFF310A0D)
YUV	22.0030, -4.4385, 23.6764
Hunter-Lab	9.4821, 10.6611, 3.6486

Details

The Hex color **310A0D** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0A312E**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **623638**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **310508**, and if you desaturate by 10%, it is **310F12**.

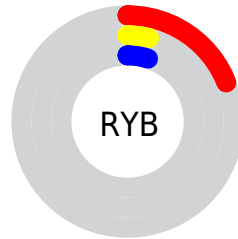
Distribution



Red (19%)

Green (4%)

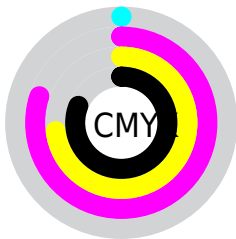
Blue (5%)



Red (19%)

Yellow (4%)

Blue (5%)

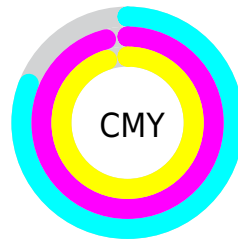


Cyan (0%)

Magenta (80%)

Yellow (73%)

Black (81%)



Cyan (81%)

Magenta (96%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 310A0D 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 310A0D by changing the saturation by 10% instead.

 310A0D

 310A0D

 FFECED

 180001

 623638

 000000

 7C4D4F

 966567

 B27F80

 CE999A

 EAB4B5

 FFCFD0

 310A0D

 310A0D

■ 310508

■ 310F12

■ 310004

■ 311416

■ 31191B

■ 311E1F

■ 312324

■ 312728

■ 312C2D

■ 313131

■ 313636

Harmonies

Analogous

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



2E0A1D



310A0D



2D0F00

Triad

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



310A0D



031D00



001B33

Complementary

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



310A0D



0A312E

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.



001E2D



310A0D



001F12

Square

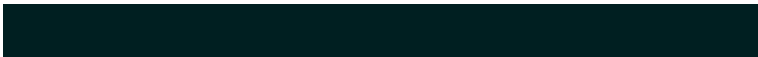
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



310A0D



161A00



001F21



0D1632

Rectangle

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



310A0D



271300



001F21



001C32

Sweetspot

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



310A0D



403032



2E0A31



211818



A1A1A1



212121

Same Dimension

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



310A0D



400307



311A0A



1A1717



590007



D90011

Inverse Universe

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



310A0D



400307



0A2131



1A1717



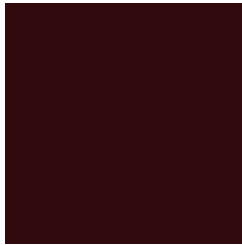
590007



D90011

Previews

White Background



This preview shows how the Hex color 310A0D looks on a white background.

Color Contrast Check

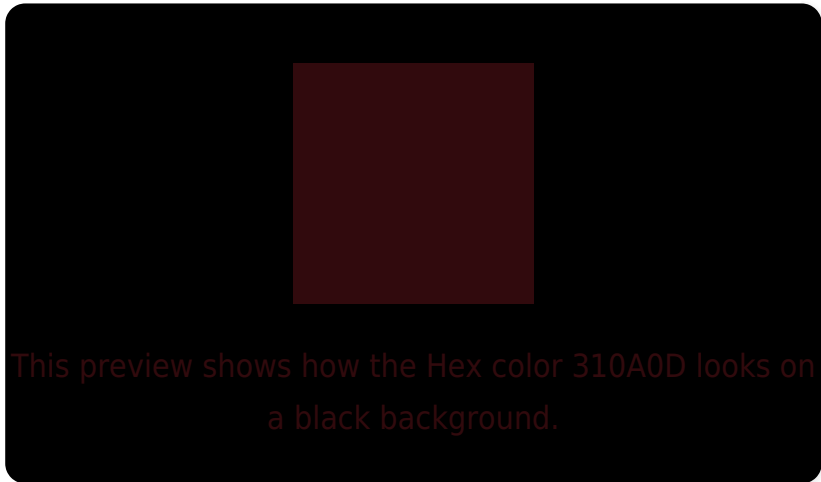
Large Text (above 18pt) WCAG AA ✓ Pass

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

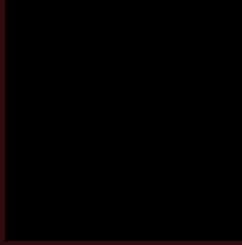
Any Text WCAG AA × Fail

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 310A0D Background



This preview shows how black text looks on a background with the Hex color 310A0D.



This preview shows how white text looks on a background with the Hex color 310A0D.

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](#).

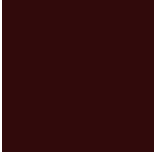
Dichromacy



Original Color
310A0D

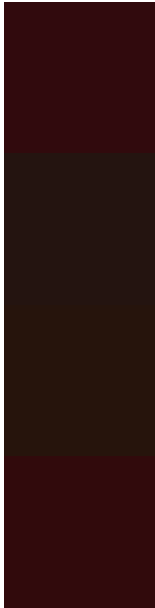
Protanopia
1C1A12

Deuteranopia
20190B



Tritanopia
310A0B

Trichromacy



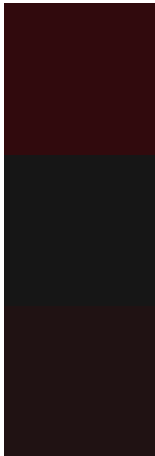
Original Color
310A0D

Protanomaly
241410

Deuteranomaly
26140C

Tritanomaly
310A0C

Monochromacy



Original Color
310A0D

Achromatopsia
161616

Achromatomaly
201213

CSS Examples

Text

The CSS property to change the color of the text to Hex 310A0D 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 #310A0D looks like.

```
.text, #text, p{  
    color:#310A0D  
}
```

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 #310A0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #310A0D
}
```

Border

The CSS property to change the border of an element to Hex 310A0D is called "border". The border property can be set on classes, ids or directly on the HTML element.

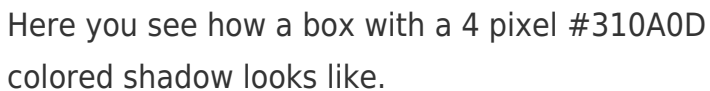
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#310A0D }
```

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

```
.border{ border-color:#310A0D }
```

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



Here you see how a box with a 4 pixel #310A0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #310A0D; -webkit-box-shadow:4px 4px  
4px 4px #310A0D; box-shadow:4px 4px 4px  
4px #310A0D }
```

Background

The CSS property to change the background color of an element to Hex 310A0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#310A0D }
```

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

```
.background{ background-color:#310A0D }
```

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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