

Converting Colors

Hex(1D310A)

Have a look what the booklet for
Hex(1D310A) contains.

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Color

Hex(1D310A)

Conversions

Conversions Part 1

Format	Color
Hex	1D310A
RGB	29, 49, 10
RGB Percent	11%, 19%, 4%
CMY	0.8863, 0.8078, 0.9608
CMYK	0.41, 0.00, 0.80, 0.81
HSL	91°, 66%, 12%
HSV	91°, 80%, 19%
XYZ	1.6598, 2.4798, 0.6783
YIQ	38.5740, 0.5990, -16.3690

Conversions

Conversions Part 2

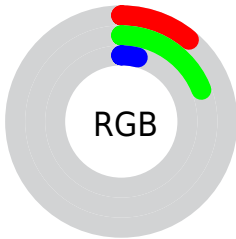
Format	Color
RYB	10, 49, 30
Decimal	1913098
CIELab	17.83, -16.08, 21.03
CIElCh	18, 26.479, 127.406
Yxy	2.4798, 0.3445, 0.5147
Android (android.graphics.Color)	4280103178 (0xFF1D310A)
YUV	38.5740, -14.0870, -8.3964
Hunter-Lab	15.7472, -8.7433, 8.4691

Details

The Hex color **1D310A** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1E0A31**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **4A5F36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1A3105**, and if you desaturate by 10%, it is **20310F**.

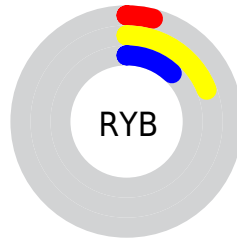
Distribution



Red (11%)

Green (19%)

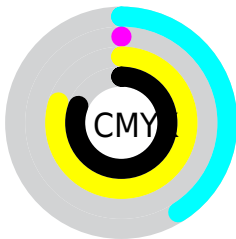
Blue (4%)



Red (4%)

Yellow (19%)

Blue (12%)

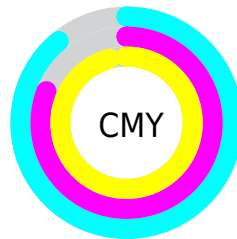


Cyan (41%)

Magenta (0%)

Yellow (80%)

Black (81%)



Cyan (89%)

Magenta (81%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D310A 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 1D310A by changing the saturation by 10% instead.

 1D310A

 1D310A

 FFFFEC

 021D00

 4A5F36

 000000

 63784D

 7C9266

 96AD7F

 B1C899

 CDE4B4

 E9FFCF

 1D310A

 1D310A

■ 1A3105

■ 20310F

■ 183100

■ 223114

■ 253119

■ 27311E

■ 2A3123

■ 2C3127

■ 2F312C

■ 313131

■ 343136

Harmonies

Analogous

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



322C00



1D310A



00341C

Triad

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



1D310A



00324F



4E1928

Complementary

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



1D310A



1E0A31

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.



461D3B



1D310A



092C52

Square

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



1D310A



003442



33254A



4B1E15

Rectangle

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



1D310A



003529



33254A



4D1A2E

Sweetspot

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



1D310A



384030



311E0A



1C2118



A1A1A1



212121

Same Dimension

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



1D310A



204003



0A310A



181A17



2B5900



6AD900

Inverse Universe

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



1E0A31



220340



310A31



18171A



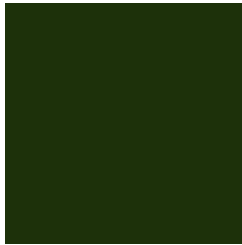
2E0059



6F00D9

Previews

White Background



This preview shows how the Hex color 1D310A looks on a white background.

Color Contrast Check

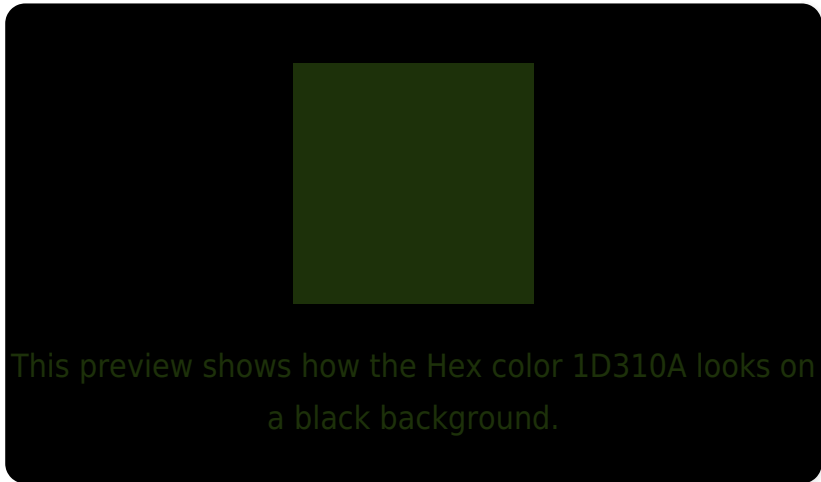
Large Text (above 18pt) WCAG AA ✓ Pass

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

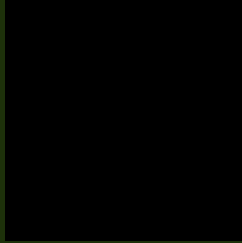
Any Text WCAG AA × Fail

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 1D310A Background



This preview shows how black text looks on a background with the Hex color 1D310A.



This preview shows how white text looks on a background with the Hex color 1D310A.

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
1D310A

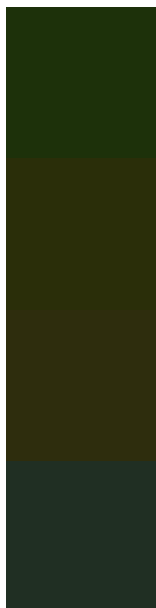
Protanopia
312C09

Deuteranopia
372A0E



Tritanopia
222E31

Trichromacy



Original Color

1D310A

Protanomaly

2A2E09

Deuteranomaly

2E2D0D

Tritanomaly

202F23

Monochromacy



Original Color

1D310A

Achromatopsia

272727

Achromatomaly

232B1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D310A 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 #1D310A looks like.

```
.text, #text, p{  
    color:#1D310A  
}
```

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 #1D310A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D310A
}
```

Border

The CSS property to change the border of an element to Hex 1D310A 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".

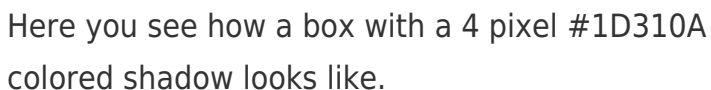
```
.border, #border, table{ border:4px solid
#1D310A }
```

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

```
.border{ border-color:#1D310A }
```

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

Here you see how a box with a 4 pixel #1D310A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D310A; -webkit-box-shadow:4px 4px  
4px 4px #1D310A; box-shadow:4px 4px 4px  
4px #1D310A }
```

Background

The CSS property to change the background color of an element to Hex 1D310A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D310A }
```

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

```
.background{ background-color:#1D310A }
```

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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