

Converting Colors

Hex(1F310A)

Have a look what the booklet for
Hex(1F310A) contains.

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Color

Hex(1F310A)

Conversions

Conversions Part 1

Format	Color
Hex	1F310A
RGB	31, 49, 10
RGB Percent	12%, 19%, 4%
CMY	0.8784, 0.8078, 0.9608
CMYK	0.37, 0.00, 0.80, 0.81
HSL	88°, 66%, 12%
HSV	88°, 80%, 19%
XYZ	1.7182, 2.5098, 0.6811
YIQ	39.1720, 1.7910, -15.9450

Conversions

Conversions Part 2

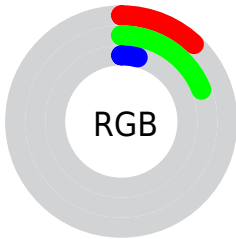
Format	Color
RYB	10, 49, 28
Decimal	2044170
CIELab	17.96, -15.17, 21.23
CIELCh	18, 26.092, 125.546
Yxy	2.5098, 0.3500, 0.5113
Android (android.graphics.Color)	4280234250 (0xFF1F310A)
YUV	39.1720, -14.3818, -7.1668
Hunter-Lab	15.8425, -8.3654, 8.5409

Details

The Hex color **1F310A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1C0A31**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **4D5F36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1D3105**, and if you desaturate by 10%, it is **21310F**.

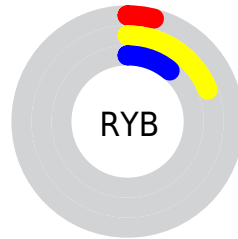
Distribution



Red (12%)

Green (19%)

Blue (4%)



Red (4%)

Yellow (19%)

Blue (11%)

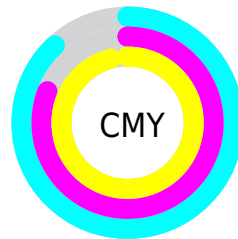


Cyan (37%)

Magenta (0%)

Yellow (80%)

Black (81%)



Cyan (88%)

Magenta (81%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F310A 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 1F310A by changing the saturation by 10% instead.

 1F310A

 1F310A

 FFFFEC

 051D00

 4D5F36

 000000

 65784D

 7E9266

 99AC7F

 B3C899

 CFE4B4

 ECFFCF

 1F310A

 1F310A

■ 1D3105

■ 21310F

■ 1A3100

■ 243114

■ 263119

■ 28311E

■ 2A3123

■ 2D3127

■ 2F312C

■ 313131

■ 333136

Harmonies

Analogous

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



332C00



1F310A



00341C

Triad

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



1F310A



00324E



4E1A29

Complementary

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



1F310A



1C0A31

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.



451E3C



1F310A



062D51

Square

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



1F310A



003441



31254B



4C1E17

Rectangle

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



1F310A



003528



31254B



4C1A30

Sweetspot

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



1F310A



394030



311C0A



1D2118



A1A1A1



212121

Same Dimension

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



1F310A



244003



0C310A



181A17



305900



75D900

Inverse Universe

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



1C0A31



1F0340



2F0A31



18171A



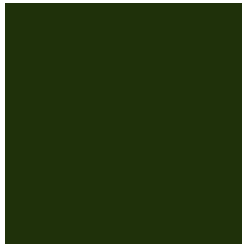
290059



6400D9

Previews

White Background



This preview shows how the Hex color 1F310A looks on a white background.

Color Contrast Check

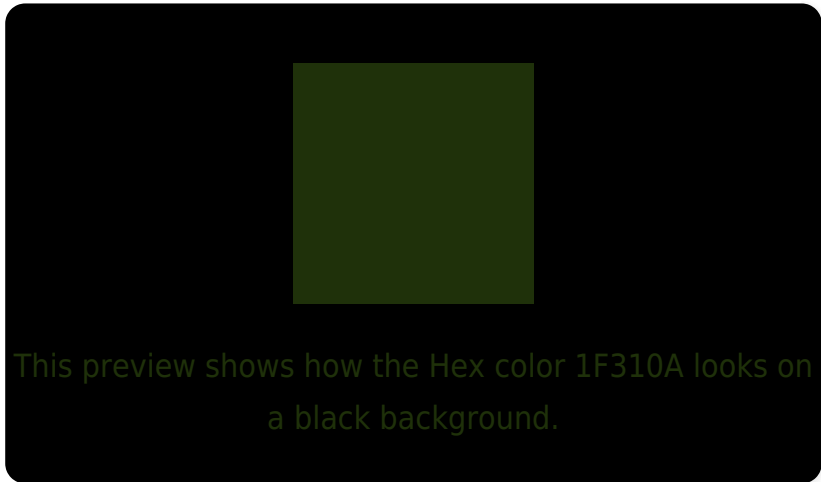
Large Text (above 18pt) WCAG AA ✓ Pass

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

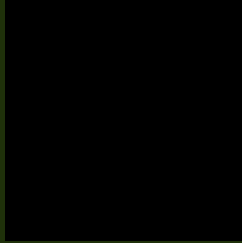
Any Text WCAG AA × Fail

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 1F310A Background



This preview shows how black text looks on a background with the Hex color 1F310A.



This preview shows how white text looks on a background with the Hex color 1F310A.

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
1F310A

Protanopia
322C09

Deuteranopia
372A0E



Tritanopia
242E31

Trichromacy



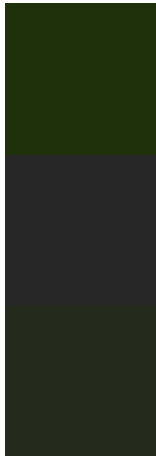
Original Color
1F310A

Protanomaly
2B2E09

Deuteranomaly
2E2D0D

Tritanomaly
222F23

Monochromacy



Original Color
1F310A

Achromatopsia
272727

Achromatomaly
242B1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F310A 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 #1F310A looks like.

```
.text, #text, p{  
    color:#1F310A  
}
```

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 #1F310A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F310A
}
```

Border

The CSS property to change the border of an element to Hex 1F310A 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".

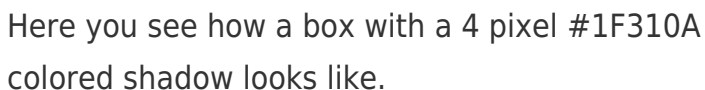
```
.border, #border, table{ border:4px solid
#1F310A }
```

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

```
.border{ border-color:#1F310A }
```

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

Here you see how a box with a 4 pixel #1F310A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F310A; -webkit-box-shadow:4px 4px  
4px 4px #1F310A; box-shadow:4px 4px 4px  
4px #1F310A }
```

Background

The CSS property to change the background color of an element to Hex 1F310A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F310A }
```

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

```
.background{ background-color:#1F310A }
```

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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