

Converting Colors

Hex(2F310C)

Have a look what the booklet for
Hex(2F310C) contains.

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Color

Hex(2F310C)

Conversions

Conversions Part 1

Format	Color
Hex	2F310C
RGB	47, 49, 12
RGB Percent	18%, 19%, 5%
CMY	0.8157, 0.8078, 0.9529
CMYK	0.04, 0.00, 0.76, 0.81
HSL	63°, 61%, 12%
HSV	63°, 76%, 19%
XYZ	2.3370, 2.8275, 0.7704
YIQ	44.1840, 10.6850, -11.9310

Conversions

Conversions Part 2

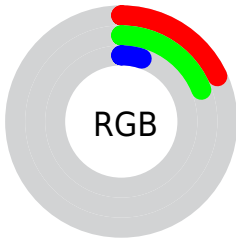
Format	Color
R_{YB}	12, 49, 14
Decimal	3092748
CIE Lab	19.34, -6.93, 22.32
CIE LCh	19, 23.376, 107.252
Yxy	2.8275, 0.3938, 0.4764
Android (android.graphics.Color)	4281282828 (0xFF2F310C)
YUV	44.1840, -15.8667, 2.4696
Hunter-Lab	16.8152, -4.6188, 9.0542

Details

The Hex color **2F310C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0E0C31**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5E5F38**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F3107**, and if you desaturate by 10%, it is **2F3111**.

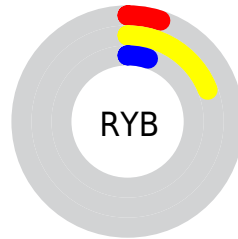
Distribution



Red (18%)

Green (19%)

Blue (5%)



Red (5%)

Yellow (19%)

Blue (5%)

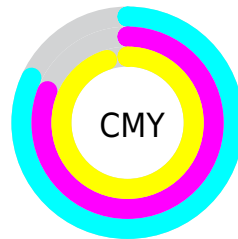


Cyan (4%)

Magenta (0%)

Yellow (76%)

Black (81%)



Cyan (82%)

Magenta (81%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F310C 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 2F310C by changing the saturation by 10% instead.

 2F310C

 2F310C

 FFFFEE

 1A1C00

 5E5F38

 000000

 77784F

 929167

 ACAC81

 C8C79B

 E4E3B6

 FFFFD1

 2F310C

 2F310C

■ 2F3107

■ 2F3111

■ 2E3102

■ 303116

■ 2E3100

■ 30311B

■ 303120

■ 303125

■ 313129

■ 31312E

■ 313133

■ 313138

Harmonies

Analogous

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



3F2B0C



2F310C



1B3517

Triad

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



2F310C



003647



4A2137

Complementary

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



2F310C



0E0C31

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.



3C2646



2F310C



003350

Square

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



2F310C



003738



232D4F



4E2026

Rectangle

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



2F310C



073621



232D4F



47223C

Sweetspot

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



2F310C



3F4031



310E0C



212118



A1A1A1



212121

Same Dimension

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



2F310C



3D4006



1D310C



191A17



545900



CDD900

Inverse Universe

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



0E0C31



090640



200C31



17171A



050059



0C00D9

Previews

White Background



This preview shows how the Hex color 2F310C looks on a white background.

Color Contrast Check

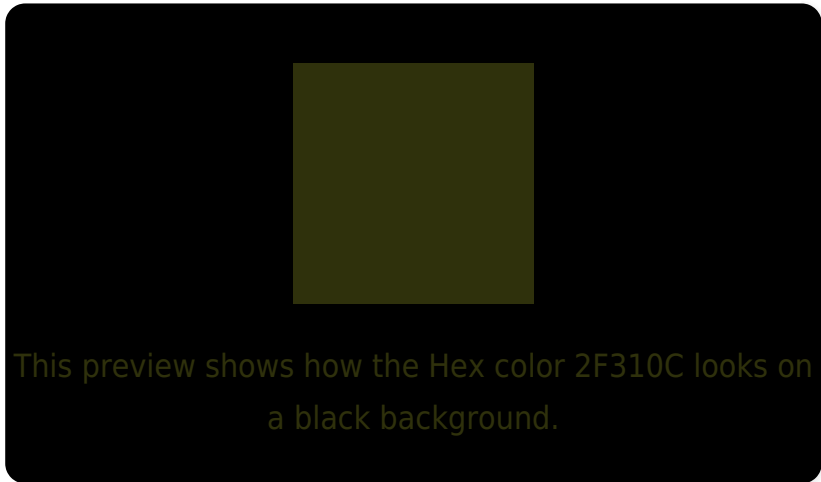
Large Text (above 18pt) WCAG AA ✓ Pass

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

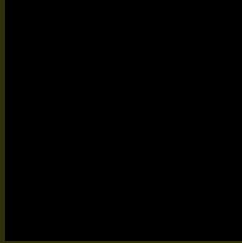
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

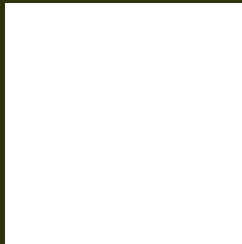
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2F310C Background



This preview shows how black text looks on a background with the Hex color 2F310C.

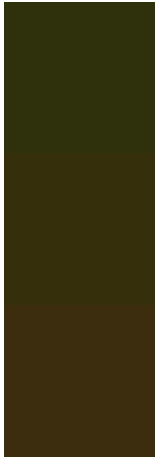


This preview shows how white text looks on a background with the Hex color 2F310C.

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
2F310C

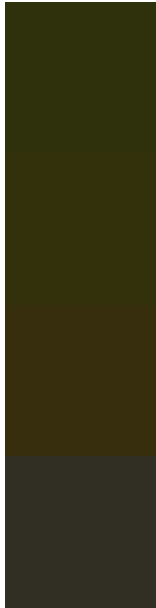
Protanopia
352F0C

Deuteranopia
3B2D0E



Tritanopia
322E31

Trichromacy



Original Color
2F310C

Protanomaly
33300C

Deuteranomaly
372E0D

Tritanomaly
312F24

Monochromacy



Original Color
2F310C

Achromatopsia
2C2C2C

Achromatomaly
2D2E20

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F310C 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 #2F310C looks like.

```
.text, #text, p{  
    color:#2F310C  
}
```

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 #2F310C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F310C
}
```

Border

The CSS property to change the border of an element to Hex 2F310C is called "border". The border property can be set on classes, ids or directly on the HTML element.

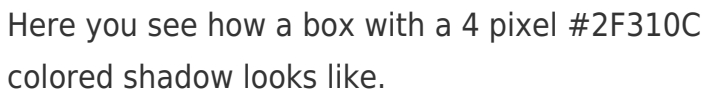
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F310C }
```

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

```
.border{ border-color:#2F310C }
```

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



Here you see how a box with a 4 pixel #2F310C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F310C; -webkit-box-shadow:4px 4px  
4px 4px #2F310C; box-shadow:4px 4px 4px  
4px #2F310C }
```

Background

The CSS property to change the background color of an element to Hex 2F310C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F310C }
```

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

```
.background{ background-color:#2F310C }
```

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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