

# Converting Colors

Hex(310F3C)

Have a look what the booklet for  
Hex(310F3C) contains.

<b>Hex(310F3C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(310F3C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	310F3C
RGB	49, 15, 60
RGB Percent	19%, 6%, 24%
CMY	0.8078, 0.9412, 0.7647
CMYK	0.18, 0.75, 0.00, 0.76
HSL	285°, 60%, 15%
HSV	285°, 75%, 24%
XYZ	2.2531, 1.3209, 4.4112
YIQ	30.2960, 5.8190, 21.2030

# Conversions

## Conversions Part 2

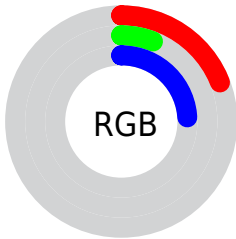
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 15, 60
Decimal	3215164
CIELab	11.42, 25.44, -21.41
CIELCh	11, 33.251, 319.911
Yxy	1.3209, 0.2822, 0.1654
Android (android.graphics.Color)	4281405244 (0xFF310F3C)
YUV	30.2960, 14.6441, 16.4034
Hunter-Lab	11.4929, 14.8806, -14.7116

# Details

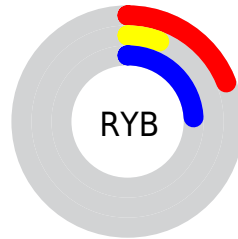
The Hex color **310F3C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1A3C0F**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **613C6C**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **30093C**, and if you desaturate by 10%, it is **32153C**.

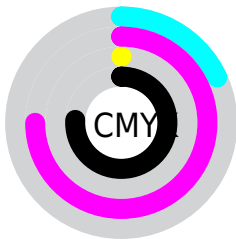
# Distribution



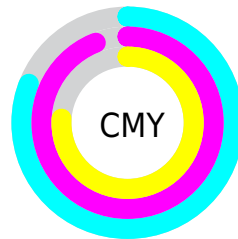
- Red (19%)
- Green (6%)
- Blue (24%)



- Red (19%)
- Yellow (6%)
- Blue (24%)



- Cyan (18%)
- Magenta (75%)
- Yellow (0%)
- Black (76%)



- Cyan (81%)
- Magenta (94%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 310F3C 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 310F3C by changing the saturation by 10% instead.



■ 310F3C

■ 310F3C

■ FFF4FF

■ 1E0026

■ 613C6C

■ 00010F

■ 7A5485

■ 000000

■ 956C9F

■ B086BA

■ CBA0D6

■ E8BBF3

■ FFD7FF

■ 310F3C

■ 310F3C

■ 30093C

■ 32153C

■ 2E033C

■ 341B3C

■ 2D003C

■ 35213C

■ 37273C

■ 382D3C

■ 3A333C

■ 3B393C

■ 3D3F3C

■ 3E453C

# Harmonies

## Analogous

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



011C4A



310F3C



420127

# Triad

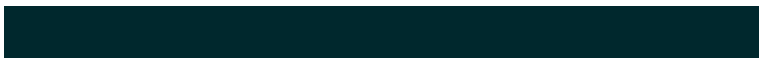
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



310F3C



2D1B00



00282D

# Complementary

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



310F3C



1A3C0F

# 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.



002816



310F3C



192200

# Square

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



310F3C



3D0F00



002600



002741

# Rectangle

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



310F3C



450018



002600



002926



# Sweetspot

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



310F3C



4B3D4F



0F1A3C



261D29



A8A8A8



292929



# Same Dimension

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



310F3C



3E084F



3C0F31



1E1C1F



47005E



A800DE



# Inverse Universe

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



3C0F1A



4F0819



0F3C1A



1F1C1C



5E0017

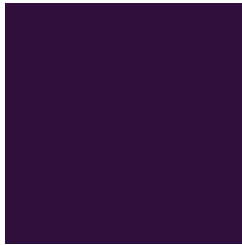


DE0036



# Previews

## White Background



This preview shows how the Hex color 310F3C looks on a white background.

## Color Contrast Check

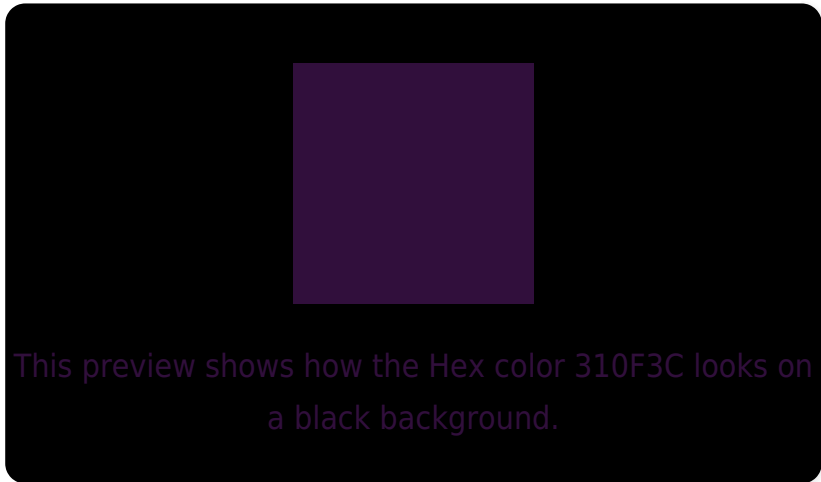
Large Text (above 18pt) WCAG AA ✓ Pass

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

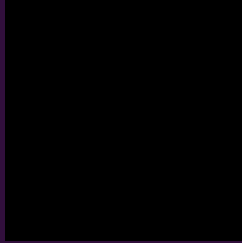
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 310F3C Background



This preview shows how black text looks on a background with the Hex color 310F3C.



This preview shows how white text looks on a background with the Hex color 310F3C.

# 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**  
310F3C

**Protanopia**  
001F41

**Deuteranopia**  
062039



**Tritanopia**  
2C1B1D

# Trichromacy



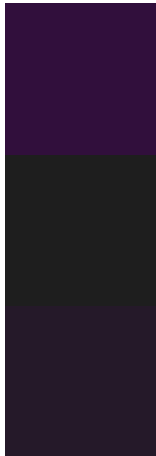
**Original Color**  
310F3C

**Protanomaly**  
12193F

**Deuteranomaly**  
161A3A

**Tritanomaly**  
2E1728

# Monochromacy



**Original Color**  
310F3C

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
251929

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 310F3C 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 #310F3C looks like.

```
.text, #text, p{  
    color:#310F3C  
}
```

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 #310F3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #310F3C
}
```

## Border

The CSS property to change the border of an element to Hex 310F3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

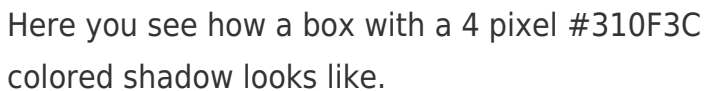
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#310F3C }
```

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

```
.border{ border-color:#310F3C }
```

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



Here you see how a box with a 4 pixel #310F3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #310F3C; -webkit-box-shadow:4px 4px  
4px 4px #310F3C; box-shadow:4px 4px 4px  
4px #310F3C }
```

# Background

The CSS property to change the background color of an element to Hex 310F3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#310F3C }
```

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

```
.background{ background-color:#310F3C }
```

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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