

Converting Colors

Hex(310F2A)

Have a look what the booklet for
Hex(310F2A) contains.

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Color

Hex(310F2A)

Conversions

Conversions Part 1

Format	Color
Hex	310F2A
RGB	49, 15, 42
RGB Percent	19%, 6%, 16%
CMY	0.8078, 0.9412, 0.8353
CMYK	0.00, 0.69, 0.14, 0.81
HSL	312°, 53%, 13%
HSV	312°, 69%, 19%
XYZ	1.8554, 1.1618, 2.3169
YIQ	28.2440, 11.5970, 15.6050

Conversions

Conversions Part 2

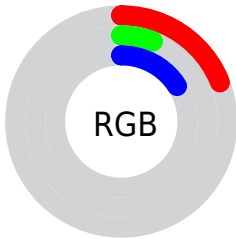
Format	Color
R_{YB}	49, 15, 42
Decimal	3215146
CIE _{Lab}	10.27, 21.38, -10.12
CIE _{LCh}	10, 23.660, 334.664
Yxy	1.1618, 0.3478, 0.2178
Android (android.graphics.Color)	4281405226 (0xFF310F2A)
YUV	28.2440, 6.7817, 18.2030
Hunter-Lab	10.7786, 11.8634, -5.1998

Details

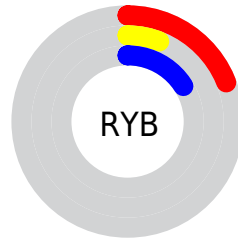
The Hex color **310F2A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0F3116**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **613B57**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **310A29**, and if you desaturate by 10%, it is **31142B**.

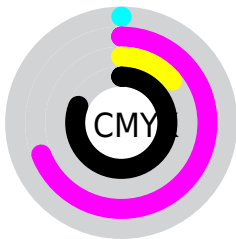
Distribution



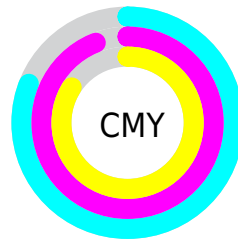
- Red (19%)
- Green (6%)
- Blue (16%)



- Red (19%)
- Yellow (6%)
- Blue (16%)



- Cyan (0%)
- Magenta (69%)
- Yellow (14%)
- Black (81%)




- Cyan (81%)
- Magenta (94%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 310F2A 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 310F2A by changing the saturation by 10% instead.

 310F2A

 310F2A

 FFF2FF

 1F0016

 613B57

 000000

 7A5370


 946B89

 AF85A4

 CB9FBF

 E7BADA

 FFD6F7

 310F2A

 310F2A

■ 310A29

■ 31142B

■ 310528

■ 31192C

■ 310027

■ 311E2D

■ 31232E

■ 31282F

■ 312C30

■ 313131

■ 313632

■ 313B33

Harmonies

Analogous

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



1F1737



310F2A



380B1A

Triad

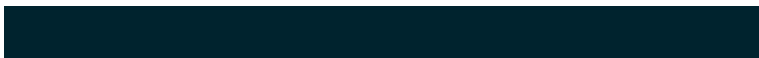
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



310F2A



221C00



00232E

Complementary

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



310F2A



0F3116

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.



00241E



310F2A



132000

Square

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



310F2A



2F1600



00230C



002139

Rectangle

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



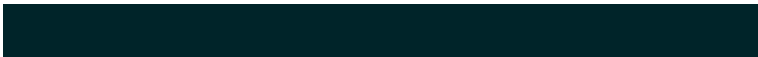
310F2A



380D0E



00230C



002429

Sweetspot

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



310F2A



40323D



160F31



21191F



A1A1A1



212121

Same Dimension

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



310F2A



400B35



310F19



1A1719



590047



D900AC

Inverse Universe

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



310F2A



400B35



0F3127



1A1719



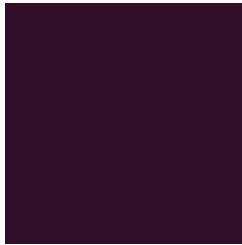
590047



D900AC

Previews

White Background



This preview shows how the Hex color 310F2A looks on a white background.

Color Contrast Check

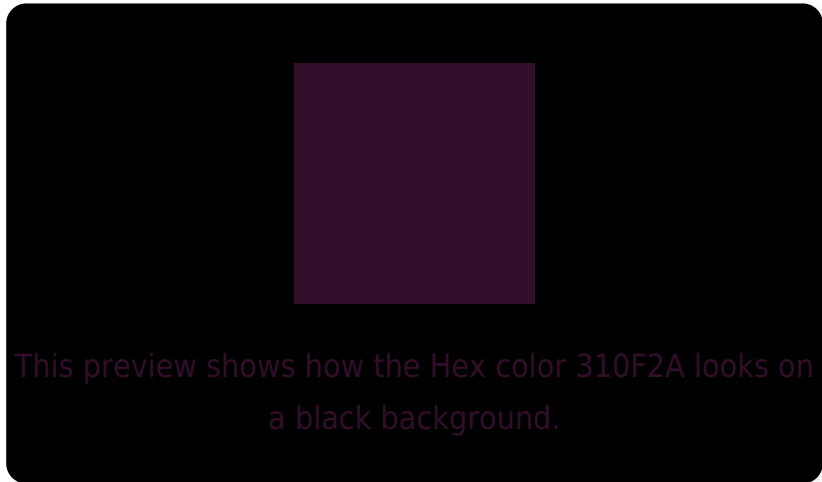
Large Text (above 18pt) WCAG AA ✓ Pass

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

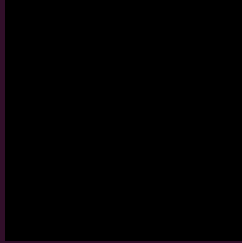
Any Text WCAG AA × Fail

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 310F2A Background



This preview shows how black text looks on a background with the Hex color 310F2A.



This preview shows how white text looks on a background with the Hex color 310F2A.

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](#).

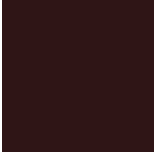
Dichromacy



Original Color
310F2A

Protanopia
111D35

Deuteranopia
1A1D28



Tritanopia
2F1516

Trichromacy



Original Color
310F2A

Protanomaly
1D1831

Deuteranomaly
221829

Tritanomaly
30131D

Monochromacy



Original Color
310F2A

Achromatopsia
1C1C1C

Achromatomaly
241721

CSS Examples

Text

The CSS property to change the color of the text to Hex 310F2A 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 #310F2A looks like.

```
.text, #text, p{  
    color:#310F2A  
}
```

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 #310F2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #310F2A
}
```

Border

The CSS property to change the border of an element to Hex 310F2A 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".

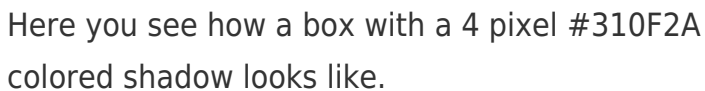
```
.border, #border, table{ border:4px solid
#310F2A }
```

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

```
.border{ border-color:#310F2A }
```

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

Here you see how a box with a 4 pixel #310F2A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #310F2A; -webkit-box-shadow:4px 4px  
4px 4px #310F2A; box-shadow:4px 4px 4px  
4px #310F2A }
```

Background

The CSS property to change the background color of an element to Hex 310F2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#310F2A }
```

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

```
.background{ background-color:#310F2A }
```

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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