

Converting Colors

Hex(310E2E)

Have a look what the booklet for
Hex(310E2E) contains.

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Color

Hex(310E2E)

Conversions

Conversions Part 1

Format	Color
Hex	310E2E
RGB	49, 14, 46
RGB Percent	19%, 5%, 18%
CMY	0.8078, 0.9451, 0.8196
CMYK	0.00, 0.71, 0.06, 0.81
HSL	305°, 56%, 12%
HSV	305°, 71%, 19%
XYZ	1.9168, 1.1643, 2.7085
YIQ	28.1130, 10.5880, 17.3720

Conversions

Conversions Part 2

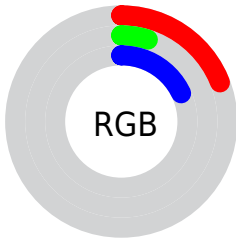
Format	Color
R_YB	49, 14, 46
Decimal	3214894
CIE Lab	10.29, 22.77, -13.05
CIE LCh	10, 26.248, 330.179
Yxy	1.1643, 0.3311, 0.2011
Android (android.graphics.Color)	4281404974 (0xFF310E2E)
YUV	28.1130, 8.8183, 18.3179
Hunter-Lab	10.7903, 12.8261, -7.3292




Details

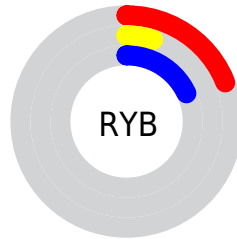
The Hex color **310E2E** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0E3111**, and the grayscale version is **1C1C1C**.




A 20% lighter version of the original color is **613A5C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **31092E**, and if you desaturate by 10%, it is **31132E**.

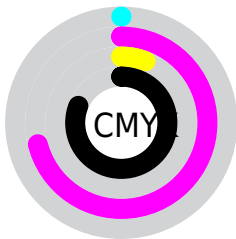
Distribution







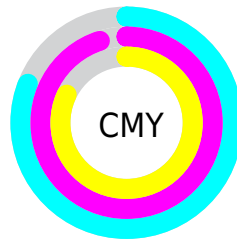
-  Red (19%)
-  Green (5%)
-  Blue (18%)






-  Red (19%)
-  Yellow (5%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (71%)
-  Yellow (6%)
-  Black (81%)



-  Cyan (81%)
-  Magenta (95%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 310E2E 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 310E2E by changing the saturation by 10% instead.

■ 310E2E

■ 310E2E

■ FFF2FF

■ 1F001A

■ 613A5C

■ 000000

■ 7A5275

■ 946A8E

■ AF84A9

■ CB9EC4

■ E7B9E0

■ FFD5FD

■ 310E2E

■ 310E2E

■ 31092E

■ 31132E

■ 31042D

■ 31182F

■ 31002D

■ 311D2F

■ 312230

■ 312730

■ 312B31

■ 313031

■ 313531

■ 313A32

Harmonies

Analogous

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



1B173B



310E2E



3A081D

Triad

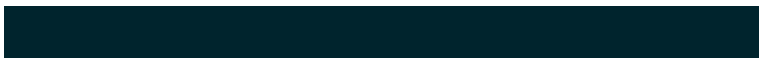
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



310E2E



241B00



00242D

Complementary

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



310E2E



0E3111

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.



00251C



310E2E



142000

Square

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



310E2E



321400



002305



00223B

Rectangle

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



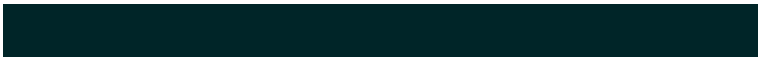
310E2E



3B0910



002305



002528

Sweetspot

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



310E2E



40323F



110E31



211920



A1A1A1



212121

Same Dimension

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



310E2E



40093B



310E1D



1A1719



590052



D900C6

Inverse Universe

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



310E2E



40093B



0E3122



1A1719



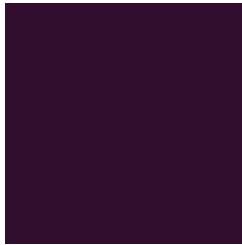
590052



D900C6

Previews

White Background



This preview shows how the Hex color 310E2E looks on a white background.

Color Contrast Check

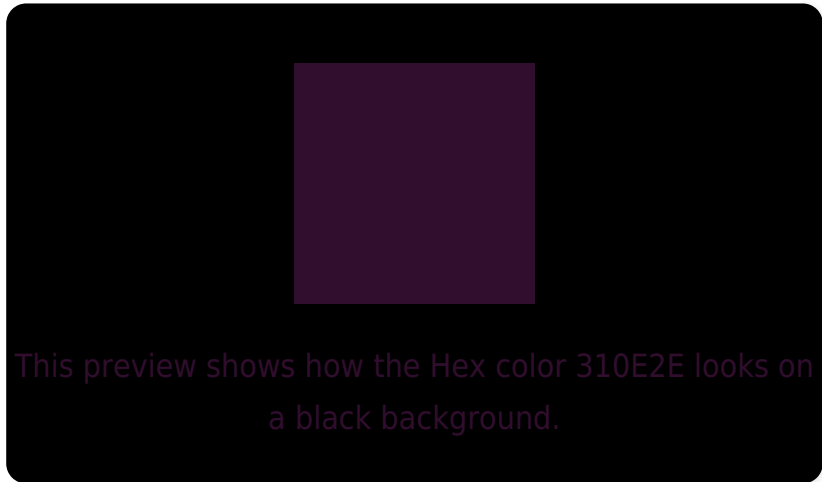
Large Text (above 18pt) WCAG AA ✓ Pass

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

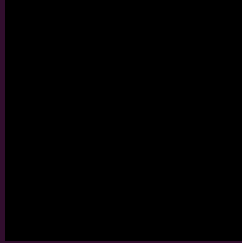
Any Text WCAG AA × Fail

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 310E2E Background



This preview shows how black text looks on a background with the Hex color 310E2E.



This preview shows how white text looks on a background with the Hex color 310E2E.

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](#).

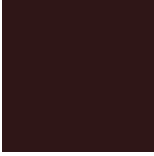
Dichromacy



Original Color
310E2E

Protanopia
091D3B

Deuteranopia
171D2C



Tritanopia
2F1617

Trichromacy



Original Color
310E2E

Protanomaly
181836

Deuteranomaly
20182D

Tritanomaly
30131F

Monochromacy



Original Color
310E2E

Achromatopsia
1C1C1C

Achromatomaly
241723

CSS Examples

Text

The CSS property to change the color of the text to Hex 310E2E 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 #310E2E looks like.

```
.text, #text, p{  
  color:#310E2E  
}
```

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 #310E2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #310E2E
}
```

Border

The CSS property to change the border of an element to Hex 310E2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

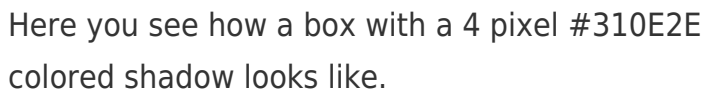
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#310E2E }
```

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

```
.border{ border-color:#310E2E }
```

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



Here you see how a box with a 4 pixel #310E2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #310E2E; -webkit-box-shadow:4px 4px  
4px 4px #310E2E; box-shadow:4px 4px 4px  
4px #310E2E }
```

Background

The CSS property to change the background color of an element to Hex 310E2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#310E2E }
```

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

```
.background{ background-color:#310E2E }
```

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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