

Converting Colors

Hex(311E3A)

Have a look what the booklet for
Hex(311E3A) contains.

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Color

Hex(311E3A)

Conversions

Conversions Part 1

Format	Color
Hex	311E3A
RGB	49, 30, 58
RGB Percent	19%, 12%, 23%
CMY	0.8078, 0.8824, 0.7725
CMYK	0.16, 0.48, 0.00, 0.77
HSL	281°, 32%, 17%
HSV	281°, 48%, 23%
XYZ	2.4946, 1.8870, 4.2357
YIQ	38.8730, 2.3360, 12.7360

Conversions

Conversions Part 2

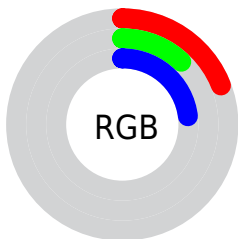
Format	Color
RYB	49, 30, 58
Decimal	3219002
CIELab	14.88, 15.48, -14.52
CIELCh	15, 21.222, 316.822
Yxy	1.8870, 0.2895, 0.2190
Android (android.graphics.Color)	4281409082 (0xFF311E3A)
YUV	38.8730, 9.4296, 8.8814
Hunter-Lab	13.7368, 8.3763, -8.6662

Details

The Hex color **311E3A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **273A1E**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **604A69**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **2F183A**, and if you desaturate by 10%, it is **33243A**.

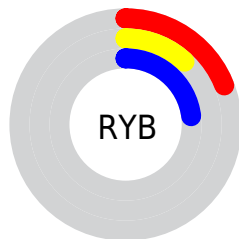
Distribution



Red (19%)

Green (12%)

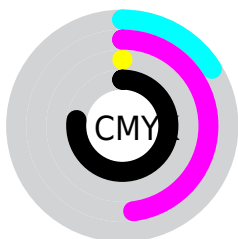
Blue (23%)



Red (19%)

Yellow (12%)

Blue (23%)

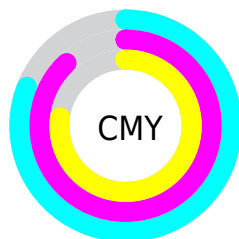


Cyan (16%)

Magenta (48%)

Yellow (0%)

Black (77%)



Cyan (81%)

Magenta (88%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 311E3A 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 311E3A by changing the saturation by 10% instead.

■ 311E3A

■ 311E3A

FFFFFF

■ 1C0724

■ 604A69

■ 00010E

■ 796282

■ 000000

■ 937B9D

■ AE95B8

■ C9B0D3

■ E5CBF0

■ FFE7FF

■ 311E3A

■ 311E3A

■ 2F183A

■ 33243A

■ 2D123A

■ 352A3A

■ 2B0D3A

■ 372F3A

■ 2A073A

■ 38353A

■ 28013A

■ 3A3B3A

■ 27003A

■ 3C413A

■ 3E473A

■ 404C3A

■ 42523A

Harmonies

Analogous

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



1A2442



311E3A



3D192D

Triad

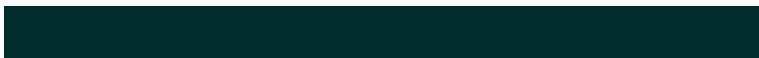
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



311E3A



342203



002D2E

Complementary

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



311E3A



273A1E

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.



002C1E



311E3A



262703

Square

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



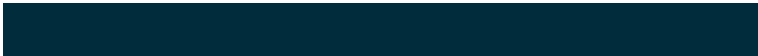
311E3A



3D1D10



142B10



002C3B

Rectangle

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



311E3A



411823



142B10



002D29

Sweetspot

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



311E3A



49424D



1E273A



242026



A6A6A6



262626

Same Dimension

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



311E3A



3E204D



3A1E35



1B191C



3E005C



9500DB

Inverse Universe

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



3A1E27



4D202E



1E3A23



1C191A



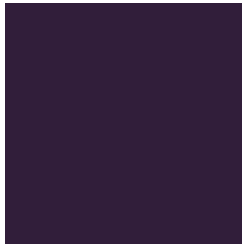
5C001E



DB0046

Previews

White Background



This preview shows how the Hex color 311E3A looks on a white background.

Color Contrast Check

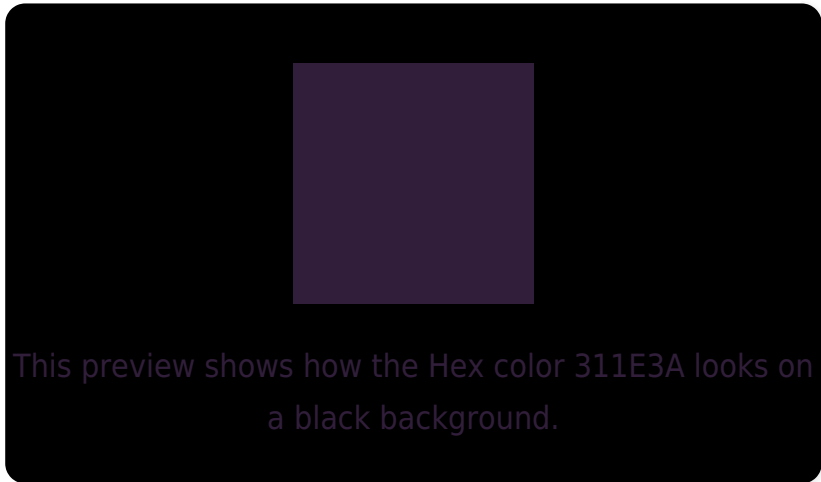
Large Text (above 18pt) WCAG AA ✓ Pass

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

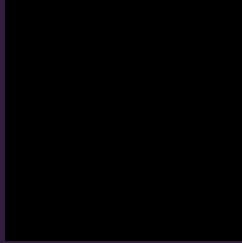
Any Text WCAG AA × Fail

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 311E3A Background



This preview shows how black text looks on a background with the Hex color 311E3A.



This preview shows how white text looks on a background with the Hex color 311E3A.

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](#).

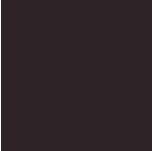
Dichromacy



Original Color
311E3A

Protanopia
1A2540

Deuteranopia
1D2639



Tritanopia
2E2326

Trichromacy



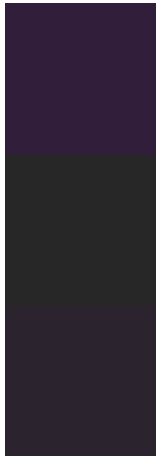
Original Color
311E3A

Protanomaly
22223E

Deuteranomaly
242339

Tritanomaly
2F212D

Monochromacy



Original Color
311E3A

Achromatopsia
272727

Achromatomaly
2B242E

CSS Examples

Text

The CSS property to change the color of the text to Hex 311E3A 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 #311E3A looks like.

```
.text, #text, p{  
    color:#311E3A  
}
```

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 #311E3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #311E3A
}
```

Border

The CSS property to change the border of an element to Hex 311E3A is called "border". The border property can be set on classes, ids or directly on the HTML element.

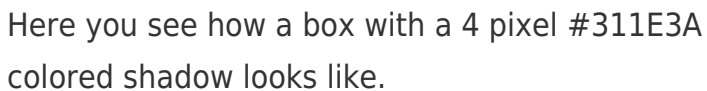
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#311E3A }
```

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

```
.border{ border-color:#311E3A }
```

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



Here you see how a box with a 4 pixel #311E3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #311E3A; -webkit-box-shadow:4px 4px  
4px 4px #311E3A; box-shadow:4px 4px 4px  
4px #311E3A }
```

Background

The CSS property to change the background color of an element to Hex 311E3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#311E3A }
```

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

```
.background{ background-color:#311E3A }
```

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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