

Converting Colors

Hex(311621)

Have a look what the booklet for
Hex(311621) contains.

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Color

Hex(311621)

Conversions

Conversions Part 1

Format	Color
Hex	311621
RGB	49, 22, 33
RGB Percent	19%, 9%, 13%
CMY	0.8078, 0.9137, 0.8706
CMYK	0.00, 0.55, 0.33, 0.81
HSL	336°, 38%, 14%
HSV	336°, 55%, 19%
XYZ	1.8280, 1.3366, 1.6005
YIQ	31.3270, 12.5610, 9.1450

Conversions

Conversions Part 2

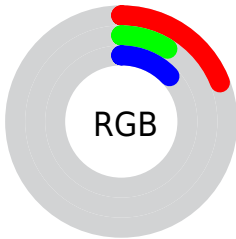
Format	Color
R_YB	49, 22, 33
Decimal	3216929
CIE Lab	11.53, 15.30, -1.53
CIE LCh	12, 15.380, 354.297
Yxy	1.3366, 0.3836, 0.2805
Android (android.graphics.Color)	4281407009 (0xFF311621)
YUV	31.3270, 0.8248, 15.4992
Hunter-Lab	11.5611, 7.9925, -0.1151

Details

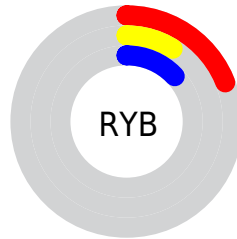
The Hex color **311621** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **163126**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **60424D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **31111E**, and if you desaturate by 10%, it is **311B24**.

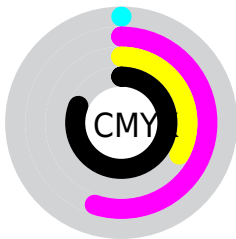
Distribution



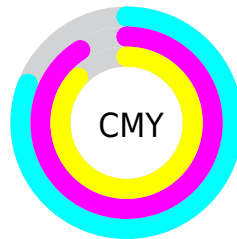
- Red (19%)
- Green (9%)
- Blue (13%)



- Red (19%)
- Yellow (9%)
- Blue (13%)



- Cyan (0%)
- Magenta (55%)
- Yellow (33%)
- Black (81%)



- Cyan (81%)
- Magenta (91%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 311621 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 311621 by changing the saturation by 10% instead.

■ 311621

■ 311621

■ FFFAFF

■ 1E000A

■ 60424D

■ 000000

■ 795965

■ 94727E

■ AE8B98

■ CAA6B2

■ E6C1CE

■ FFDDEA

■ 311621

■ 311621

■ 31111E

■ 311B24

■ 310C1B

■ 312027

■ 310718

■ 31252A

■ 310215

■ 312A2D

■ 310014

■ 312F30

■ 313332

■ 313835

■ 313D38

■ 31423B

Harmonies

Analogous

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



2A192B



311621



321616

Triad

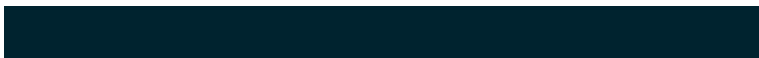
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



311621



1D2007



00232F

Complementary

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



311621



163126

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.



002427



311621



102312

Square

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



311621



271D05



00241C



072033

Rectangle

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



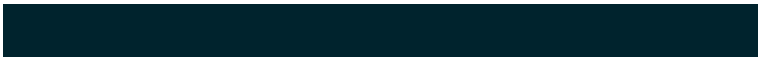
311621



30180F



00241C



00232D

Sweetspot

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



311621



403539



261631



211B1D



A1A1A1



212121

Same Dimension

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



311621



401627



311816



1A1718



590024



D90058

Inverse Universe

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



311621



401627



162F31



1A1718



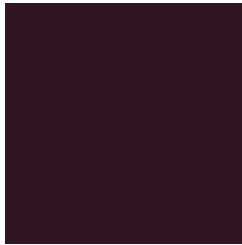
590024



D90058

Previews

White Background



This preview shows how the Hex color 311621 looks on a white background.

Color Contrast Check

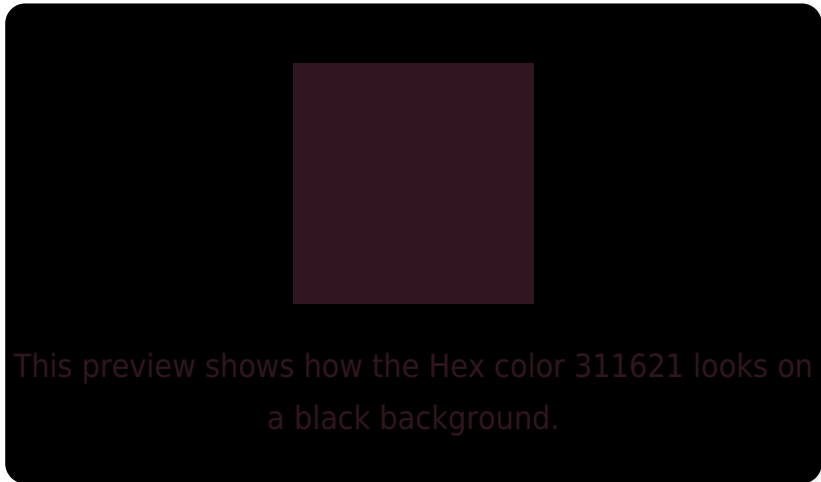
Large Text (above 18pt) WCAG AA ✓ Pass

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

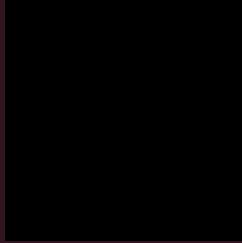
Any Text WCAG AA × Fail

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 311621 Background



This preview shows how black text looks on a background with the Hex color 311621.



This preview shows how white text looks on a background with the Hex color 311621.

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
311621

Protanopia
1D1F27

Deuteranopia
221E20



Tritanopia
301819

Trichromacy



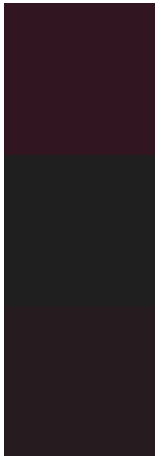
Original Color
311621

Protanomaly
241C25

Deuteranomaly
271B20

Tritanomaly
30171C

Monochromacy



Original Color
311621

Achromatopsia
1F1F1F

Achromatomaly
261C20

CSS Examples

Text

The CSS property to change the color of the text to Hex 311621 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 #311621 looks like.

```
.text, #text, p{  
    color:#311621  
}
```

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 #311621 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #311621
}
```

Border

The CSS property to change the border of an element to Hex 311621 is called "border". The border property can be set on classes, ids or directly on the HTML element.

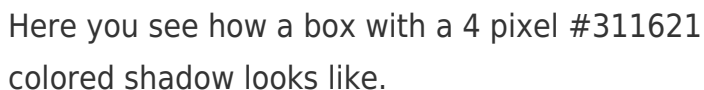
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#311621 }
```

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

```
.border{ border-color:#311621 }
```

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



Here you see how a box with a 4 pixel #311621 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #311621; -webkit-box-shadow:4px 4px  
4px 4px #311621; box-shadow:4px 4px 4px  
4px #311621 }
```

Background

The CSS property to change the background color of an element to Hex 311621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#311621 }
```

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

```
.background{ background-color:#311621 }
```

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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