

Converting Colors

Hex(311235)

Have a look what the booklet for
Hex(311235) contains.

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Color

Hex(311235)

Conversions

Conversions Part 1

Format	Color
Hex	311235
RGB	49, 18, 53
RGB Percent	19%, 7%, 21%
CMY	0.8078, 0.9294, 0.7922
CMYK	0.08, 0.66, 0.00, 0.79
HSL	293°, 49%, 14%
HSV	293°, 66%, 21%
XYZ	2.1255, 1.3426, 3.5153
YIQ	31.2590, 7.2410, 17.4570

Conversions

Conversions Part 2

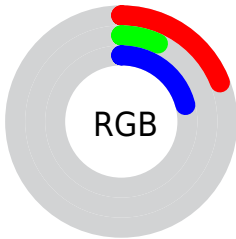
Format	Color
RYB	49, 18, 53
Decimal	3215925
CIELab	11.57, 22.03, -16.15
CIELCh	12, 27.315, 323.758
Yxy	1.3426, 0.3044, 0.1923
Android (android.graphics.Color)	4281406005 (0xFF311235)
YUV	31.2590, 10.7183, 15.5589
Hunter-Lab	11.5872, 12.4663, -9.8763

Details

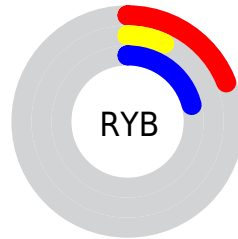
The Hex color **311235** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **163512**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **613E64**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **300D35**, and if you desaturate by 10%, it is **321735**.

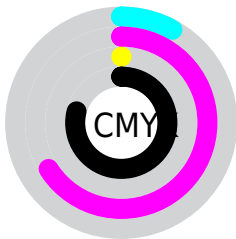
Distribution



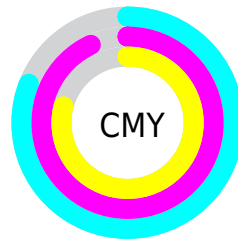
- Red (19%)
- Green (7%)
- Blue (21%)



- Red (19%)
- Yellow (7%)
- Blue (21%)



- Cyan (8%)
- Magenta (66%)
- Yellow (0%)
- Black (79%)




- Cyan (81%)
- Magenta (93%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 311235 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 311235 by changing the saturation by 10% instead.

 311235

 311235

 FFF6FF

 1E0020

 613E64

 000004

 7A567D

 000000


 946E97

 AF88B2

 CAA2CD

 E7BEE9

 FFDAFF

 311235

 311235

■ 300D35

■ 321735

■ 300735

■ 321D35

■ 2F0235

■ 332235

■ 2F0035

■ 332735

■ 342D35

■ 353235

■ 353735

■ 363C35

■ 364235

Harmonies

Analogous

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



151B41



311235



3D0A23

Triad

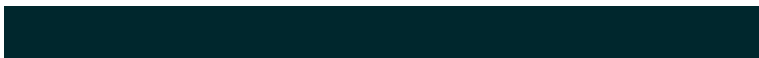
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



311235



2B1C00



00272D

Complementary

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



311235



163512

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.



00271A



311235



1A2200

Square

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



311235



381400



002501



00263D

Rectangle

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



311235



3F0A17



002501



002727

Sweetspot

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



311235



433745



121635



231B24



A3A3A3



242424

Same Dimension

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



311235



3F0E45



351228



19171A



4F0059



C000D9

Inverse Universe

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



351216



450E15



12351F



1A1717



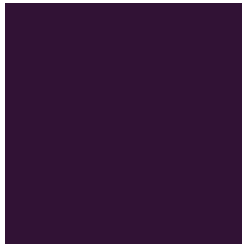
59000A



D90019

Previews

White Background



This preview shows how the Hex color 311235 looks on a white background.

Color Contrast Check

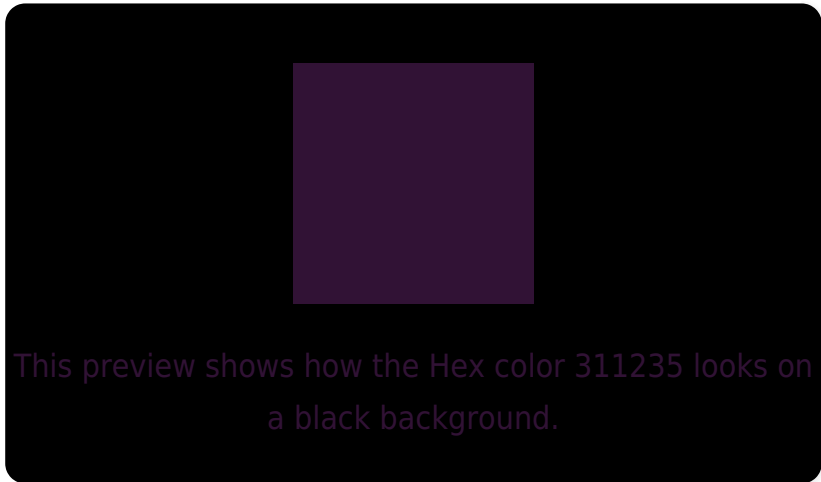
Large Text (above 18pt) WCAG AA ✓ Pass

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

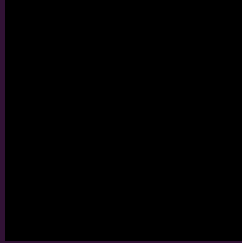
Any Text WCAG AA × Fail

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 311235 Background



This preview shows how black text looks on a background with the Hex color 311235.



This preview shows how white text looks on a background with the Hex color 311235.

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
311235

Protanopia
001F41

Deuteranopia
152033



Tritanopia
2E1A1C

Trichromacy



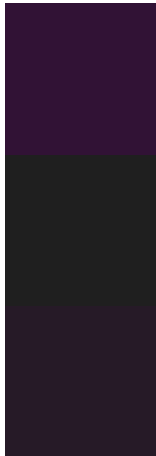
Original Color
311235

Protanomaly
121A3D

Deuteranomaly
1F1B34

Tritanomaly
2F1725

Monochromacy



Original Color
311235

Achromatopsia
1F1F1F

Achromatomaly
261A27

CSS Examples

Text

The CSS property to change the color of the text to Hex 311235 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 #311235 looks like.

```
.text, #text, p{  
    color:#311235  
}
```

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 #311235 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #311235
}
```

Border

The CSS property to change the border of an element to Hex 311235 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
#311235 }
```

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

```
.border{ border-color:#311235 }
```

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

Here you see how a box with a 4 pixel #311235 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #311235; -webkit-box-shadow:4px 4px  
4px 4px #311235; box-shadow:4px 4px 4px  
4px #311235 }
```

Background

The CSS property to change the background color of an element to Hex 311235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#311235 }
```

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

```
.background{ background-color:#311235 }
```

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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