

Converting Colors

Hex(311445)

Have a look what the booklet for
Hex(311445) contains.

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Color

Hex(311445)

Conversions

Conversions Part 1

Format	Color
Hex	311445
RGB	49, 20, 69
RGB Percent	19%, 8%, 27%
CMY	0.8078, 0.9216, 0.7294
CMYK	0.29, 0.71, 0.00, 0.73
HSL	276°, 55%, 17%
HSV	276°, 71%, 27%
XYZ	2.5910, 1.5830, 5.7992
YIQ	34.2570, 1.5550, 21.3870

Conversions

Conversions Part 2

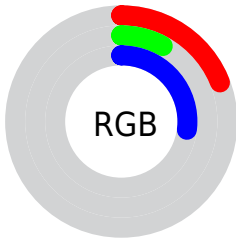
Format	Color
RYB	49, 20, 69
Decimal	3216453
CIELab	13.13, 24.94, -25.03
CIElCh	13, 35.333, 314.891
Yxy	1.5830, 0.2598, 0.1587
Android (android.graphics.Color)	4281406533 (0xFF311445)
YUV	34.2570, 17.1283, 12.9296
Hunter-Lab	12.5815, 14.7414, -18.5215

Details

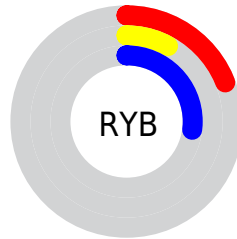
The Hex color **311445** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **284514**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **614176**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **2E0D45**, and if you desaturate by 10%, it is **341B45**.

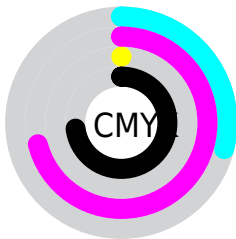
Distribution



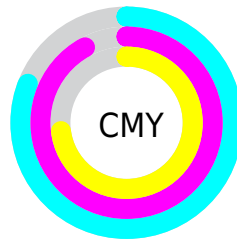
- Red (19%)
- Green (8%)
- Blue (27%)



- Red (19%)
- Yellow (8%)
- Blue (27%)



- Cyan (29%)
- Magenta (71%)
- Yellow (0%)
- Black (73%)





- Cyan (81%)
- Magenta (92%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 311445 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 311445 by changing the saturation by 10% instead.

 311445

 311445

 FFF9FF

 1C002F

 614176

 000119

 7B588F

 000000


 9571AA


 B08BC5

 CCA5E2

 E8C1FE

 FFDDFF

 311445

 311445

■ 2E0D45

■ 341B45

■ 2B0645

■ 372245

■ 290045

■ 392945

■ 3C3045

■ 3F3645

■ 423D45

■ 454445

■ 484B45

■ 4A5245

Harmonies

Analogous

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



002152



311445



46032F

Triad

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



311445



351C00



002C2E

Complementary

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



311445



284514

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.



002C14



311445



202400

Square

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



311445



450E00



022900



002B44

Rectangle

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



311445



4B001F



022900



002C25

Sweetspot

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



311445



524759



142845



29222E



ADADAD



2E2E2E

Same Dimension

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



311445



3A0D59



451441



222024



3B0063



8600E3

Inverse Universe

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



451428



590D2C



144518



242022



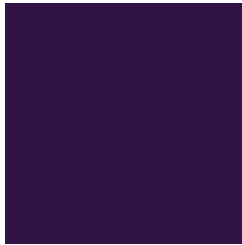
630029



E3005D

Previews

White Background



This preview shows how the Hex color 311445 looks on a white background.

Color Contrast Check

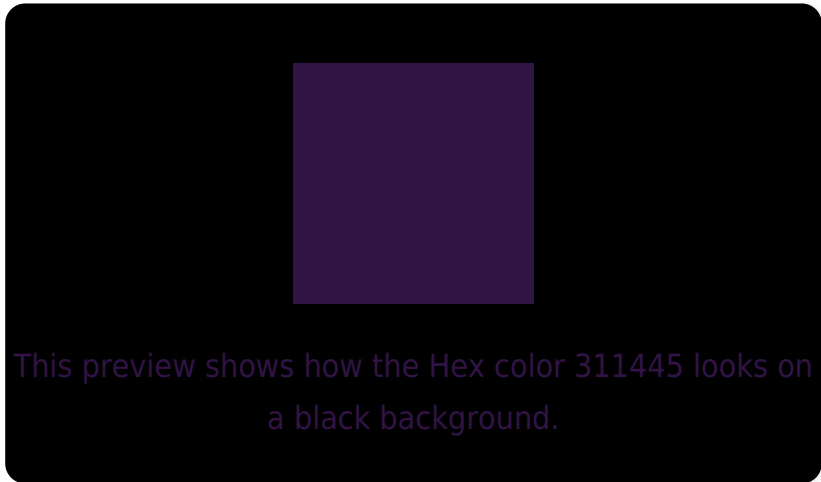
Large Text (above 18pt) WCAG AA ✓ Pass

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

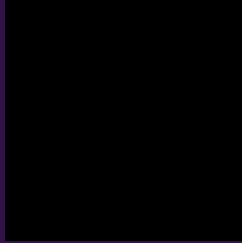
Any Text WCAG AA × Fail

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 311445 Background



This preview shows how black text looks on a background with the Hex color 311445.



This preview shows how white text looks on a background with the Hex color 311445.

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
311445

Protanopia
002247

Deuteranopia
00243E

Trichromacy



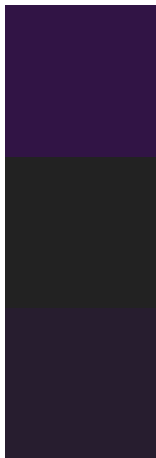
Original Color
311445

Protanomaly
121D46

Deuteranomaly
121E41

Tritanomaly
2D1C2F

Monochromacy



Original Color
311445

Achromatopsia
222222

Achromatomaly
271D2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 311445 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 #311445 looks like.

```
.text, #text, p{  
    color:#311445  
}
```

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 #311445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #311445
}
```

Border

The CSS property to change the border of an element to Hex 311445 is called "border". The border property can be set on classes, ids or directly on the HTML element.

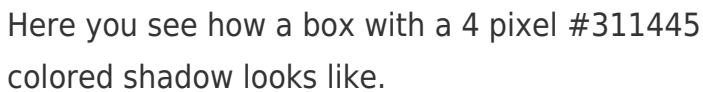
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#311445 }
```

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

```
.border{ border-color:#311445 }
```

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



Here you see how a box with a 4 pixel #311445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #311445; -webkit-box-shadow:4px 4px  
4px 4px #311445; box-shadow:4px 4px 4px  
4px #311445 }
```

Background

The CSS property to change the background color of an element to Hex 311445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#311445 }
```

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

```
.background{ background-color:#311445 }
```

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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