

Converting Colors

Hex(311A6E)

Have a look what the booklet for
Hex(311A6E) contains.

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Color

Hex(311A6E)

Conversions

Conversions Part 1

Format	Color
Hex	311A6E
RGB	49, 26, 110
RGB Percent	19%, 10%, 43%
CMY	0.8078, 0.8980, 0.5686
CMYK	0.55, 0.76, 0.00, 0.57
HSL	256°, 62%, 27%
HSV	256°, 76%, 43%
XYZ	4.4505, 2.5175, 15.0032
YIQ	42.4530, -13.2560, 31.0000

Conversions

Conversions Part 2

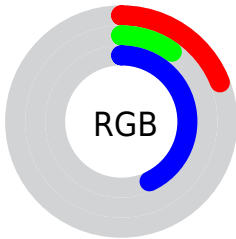
Format	Color
R_{YB}	49, 26, 110
Decimal	3218030
CIE _{Lab}	18.00, 33.67, -44.68
CIE _{LCh}	18, 55.952, 307.001
Yxy	2.5175, 0.2026, 0.1146
Android (android.graphics.Color)	4281408110 (0xFF311A6E)
YUV	42.4530, 33.3007, 5.7417
Hunter-Lab	15.8668, 22.3008, -44.9564

Details

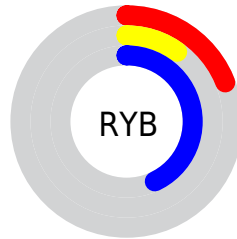
The Hex color **311A6E** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **576E1A**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **6648A2**, and **00003D** is the 20% darker color. If you saturate the color by 10%, you get **290F6E**, and if you desaturate by 10%, it is **39256E**.

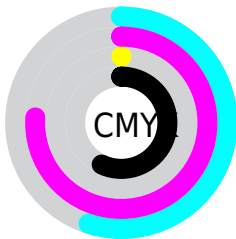
Distribution



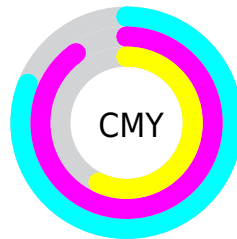
- Red (19%)
- Green (10%)
- Blue (43%)



- Red (19%)
- Yellow (10%)
- Blue (43%)



- Cyan (55%)
- Magenta (76%)
- Yellow (0%)
- Black (57%)



- Cyan (81%)
- Magenta (90%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 311A6E 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 311A6E by changing the saturation by 10% instead.

■ 311A6E

■ 311A6E

FFFFFF

■ 130455

■ 6648A2

■ 00003D

■ 8160BE

■ 000326

■ 9C79DA

■ 000110

■ B894F7

■ 000000

■ D5AEFF

■ F2CAFF

■ FFE6FF

■ 311A6E

■ 311A6E

■ 290F6E

■ 39256E

■ 21046E

■ 41306E

■ 1E006E

■ 493B6E

■ 51466E

■ 59516E

■ 615C6E

■ 69676E

■ 71726E

■ 797D6E

Harmonies

Analogous

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



00307E



311A6E



60004C

Triad

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



311A6E



4F1D00



003B35

Complementary

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



311A6E



576E1A

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.



003907



311A6E



2F2E00

Square

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



311A6E



660000



003600



003B5D

Rectangle

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



311A6E



6C0032



003600



003B27

Sweetspot

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



311A6E



776E8F



1A586E



393347



C7C7C7



474747

Same Dimension

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



311A6E



2F0B8F



5A1A6E



343238



210078



4400F7

Inverse Universe

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



6E1A57



8F0B6B



2E6E1A



383237



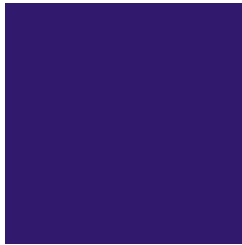
780057



F700B4

Previews

White Background



This preview shows how the Hex color 311A6E looks on a white background.

Color Contrast Check

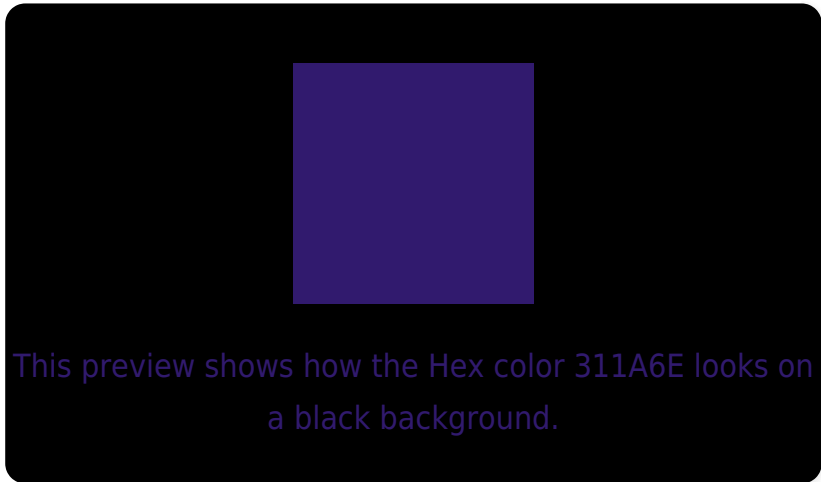
Large Text (above 18pt) WCAG AA ✓ Pass

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

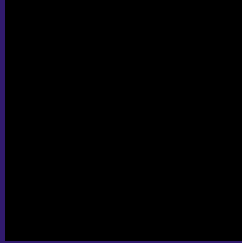
Any Text WCAG AA × Fail

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 311A6E Background



This preview shows how black text looks on a background with the Hex color 311A6E.



This preview shows how white text looks on a background with the Hex color 311A6E.

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
311A6E

Protanopia
002B5B

Deuteranopia
002E4E



Tritanopia
1C3034

Trichromacy



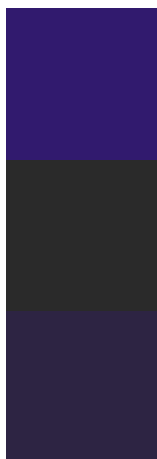
Original Color
311A6E

Protanomaly
122562

Deuteranomaly
12275A

Tritanomaly
242849

Monochromacy



Original Color
311A6E

Achromatopsia
2A2A2A

Achromatomaly
2D2443

CSS Examples

Text

The CSS property to change the color of the text to Hex 311A6E 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 #311A6E looks like.

```
.text, #text, p{  
    color:#311A6E  
}
```

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 #311A6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #311A6E
}
```

Border

The CSS property to change the border of an element to Hex 311A6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

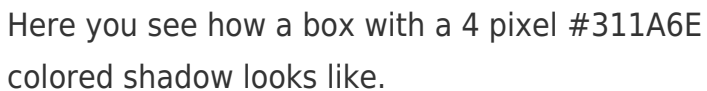
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#311A6E }
```

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

```
.border{ border-color:#311A6E }
```

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



Here you see how a box with a 4 pixel #311A6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #311A6E; -webkit-box-shadow:4px 4px  
4px 4px #311A6E; box-shadow:4px 4px 4px  
4px #311A6E }
```

Background

The CSS property to change the background color of an element to Hex 311A6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#311A6E }
```

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

```
.background{ background-color:#311A6E }
```

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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