

Converting Colors

Hex(311C8D)

Have a look what the booklet for
Hex(311C8D) contains.

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Color

Hex(311C8D)

Conversions

Conversions Part 1

Format	Color
Hex	311C8D
RGB	49, 28, 141
RGB Percent	19%, 11%, 55%
CMY	0.8078, 0.8902, 0.4471
CMYK	0.65, 0.80, 0.00, 0.45
HSL	251°, 67%, 33%
HSV	251°, 80%, 55%
XYZ	6.4896, 3.4066, 25.5148
YIQ	47.1610, -23.7570, 39.5950

Conversions

Conversions Part 2

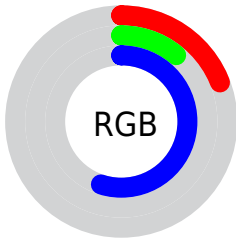
Format	Color
RYB	49, 28, 141
Decimal	3218573
CIELab	21.60, 42.28, -58.47
CIELCh	22, 72.152, 305.868
Yxy	3.4066, 0.1833, 0.0962
Android (android.graphics.Color)	4281408653 (0xFF311C8D)
YUV	47.1610, 46.2626, 1.6128
Hunter-Lab	18.4569, 30.4626, -69.0427

Details

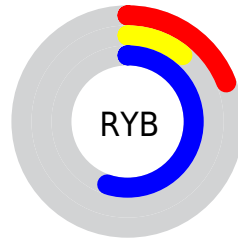
The Hex color **311C8D** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **788D1C**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **6C4BC4**, and **00005A** is the 20% darker color. If you saturate the color by 10%, you get **260E8D**, and if you desaturate by 10%, it is **3C2A8D**.

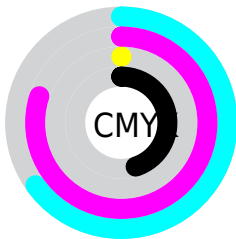
Distribution



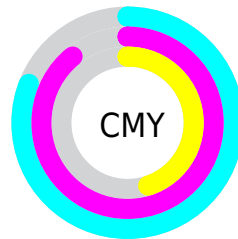
- Red (19%)
- Green (11%)
- Blue (55%)



- Red (19%)
- Yellow (11%)
- Blue (55%)



- Cyan (65%)
- Magenta (80%)
- Yellow (0%)
- Black (45%)



- Cyan (81%)
- Magenta (89%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 311C8D 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 311C8D by changing the saturation by 10% instead.

■ 311C8D

■ 311C8D

FFFFFF

■ 050473

■ 6C4BC4

■ 00005A

■ 8864E0

■ 000241

■ A57EFD

■ 00032A

■ C298FF

■ 000114

■ DFB3FF

■ 000000

■ FDCFFF

■ FFECFF

■ 311C8D

■ 311C8D

■ 260E8D

■ 3C2A8D

■ 1A008D

■ 48388D

■ 53468D

■ 5F548D

■ 6A638D

■ 76718D

■ 817F8D

■ 8D8D8D

■ 989B8D

Harmonies

Analogous

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



003AA2



311C8D



760061

Triad

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



311C8D



621D00



00463E

Complementary

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



311C8D



788D1C

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.



004400



311C8D



383600

Square

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



311C8D



7F0000



004000



004773

Rectangle

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



311C8D



86003E



004000



00452B

Sweetspot

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



311C8D



948CB8



1C788D



46415C



DBDBDB



5C5C5C

Same Dimension

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



311C8D



2807B8



691C8D



424047



190087



010008

Inverse Universe

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



8D1C78



B80797



408D1C



474046



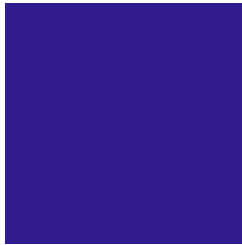
87006E



080006

Previews

White Background



This preview shows how the Hex color 311C8D looks on a white background.

Color Contrast Check

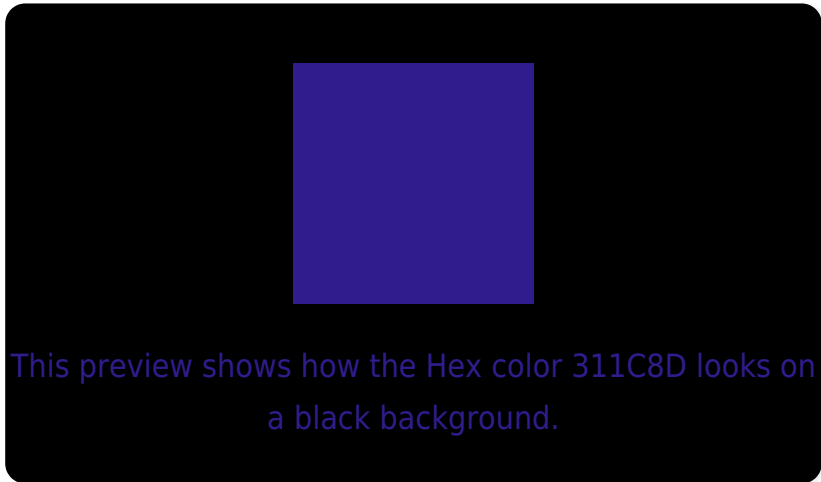
Large Text (above 18pt) WCAG AA ✓ Pass

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

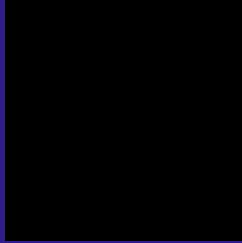
Any Text WCAG AA × Fail

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 311C8D Background



This preview shows how black text looks on a background with the Hex color 311C8D.

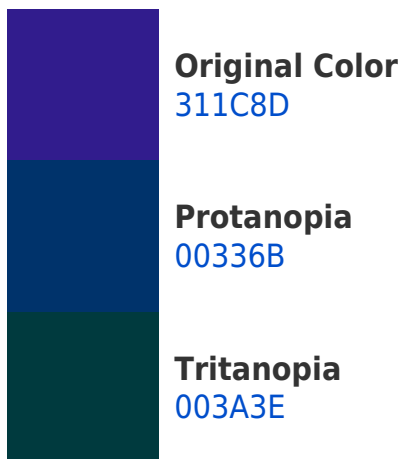


This preview shows how white text looks on a background with the Hex color 311C8D.

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



Trichromacy



Original Color
311C8D

Protanomaly
122B77

Tritanomaly
122F5B

Monochromacy



Original Color
311C8D

Achromatopsia
2F2F2F

Achromatomaly
302851

CSS Examples

Text

The CSS property to change the color of the text to Hex 311C8D 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 #311C8D looks like.

```
.text, #text, p{  
    color:#311C8D  
}
```

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 #311C8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #311C8D
}
```

Border

The CSS property to change the border of an element to Hex 311C8D 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
#311C8D }
```

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

```
.border{ border-color:#311C8D }
```

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

Here you see how a box with a 4 pixel #311C8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #311C8D; -webkit-box-shadow:4px 4px  
4px 4px #311C8D; box-shadow:4px 4px 4px  
4px #311C8D }
```

Background

The CSS property to change the background color of an element to Hex 311C8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#311C8D }
```

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

```
.background{ background-color:#311C8D }
```

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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