

Converting Colors

Hex(311C7C)

Have a look what the booklet for
Hex(311C7C) contains.

Hex(311C7C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(311C7C)

Conversions

Conversions Part 1

Format	Color
Hex	311C7C
RGB	49, 28, 124
RGB Percent	19%, 11%, 49%
CMY	0.8078, 0.8902, 0.5137
CMYK	0.60, 0.77, 0.00, 0.51
HSL	253°, 63%, 30%
HSV	253°, 77%, 49%
XYZ	5.3200, 2.9387, 19.3556
YIQ	45.2230, -18.3000, 34.3080

Conversions

Conversions Part 2

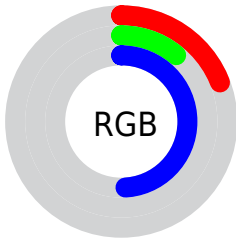
Format	Color
R_{YB}	49, 28, 124
Decimal	3218556
CIE _{Lab}	19.80, 36.96, -50.74
CIE _{LCh}	20, 62.774, 306.076
Yxy	2.9387, 0.1927, 0.1064
Android (android.graphics.Color)	4281408636 (0xFF311C7C)
YUV	45.2230, 38.8371, 3.3124
Hunter-Lab	17.1427, 25.3951, -54.9439

Details

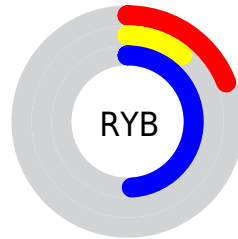
The Hex color **311C7C** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **677C1C**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **694AB2**, and **00004A** is the 20% darker color. If you saturate the color by 10%, you get **27107C**, and if you desaturate by 10%, it is **3B287C**.

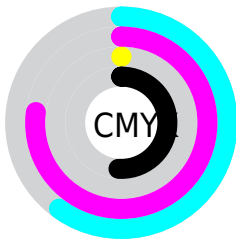
Distribution



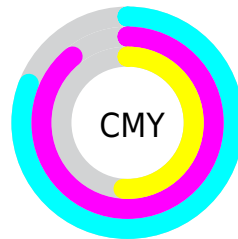
- Red (19%)
- Green (11%)
- Blue (49%)



- Red (19%)
- Yellow (11%)
- Blue (49%)



- Cyan (60%)
- Magenta (77%)
- Yellow (0%)
- Black (51%)



- Cyan (81%)
- Magenta (89%)
- Yellow (51%)
- Black (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 311C7C 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 311C7C by changing the saturation by 10% instead.



311C7C



311C7C

FFFFFF



0F0562



694AB2



00004A



8463CD



000432



A07CEA



00021C



BC97FF



000000



D9B2FF



F7CDFF



FFEAFF



311C7C



311C7C

■ 27107C

■ 3B287C

■ 1E037C

■ 44357C

■ 1B007C

■ 4E417C

■ 584E7C

■ 615A7C

■ 6B667C

■ 75737C

■ 7E7F7C

■ 888C7C

Harmonies

Analogous

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



00358E



311C7C



6A0056

Triad

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



311C7C



581D00



004039

Complementary

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



311C7C



677C1C

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.



003E03



311C7C



343200

Square

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



311C7C



720000



003B00



004166

Rectangle

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



311C7C



780038



003B00



004028

Sweetspot

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



311C7C



847CA1



1C677C



403B52



D1D1D1



525252

Same Dimension

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



311C7C



2C0BA1



611C7C



38373D



1B007D



3700FC

Inverse Universe

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



7C1C67



A10B80



377C1C



3D373C



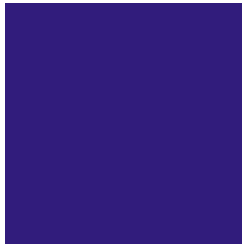
7D0062



FC00C5

Previews

White Background



This preview shows how the Hex color 311C7C looks on a white background.

Color Contrast Check

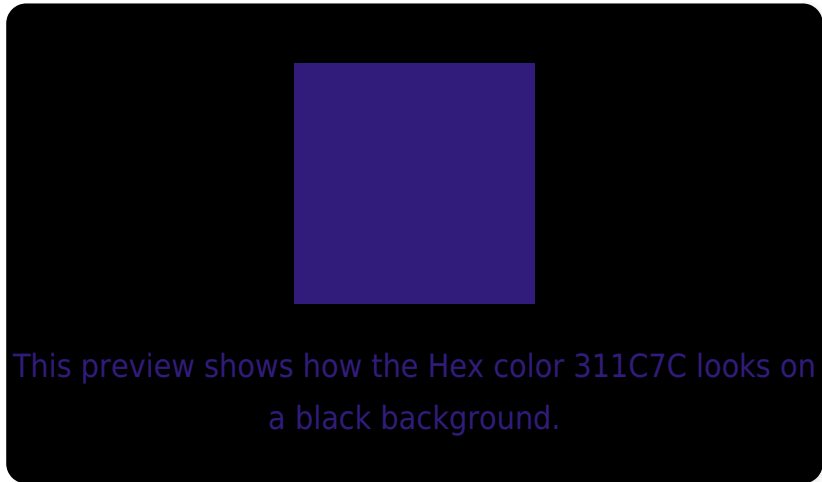
Large Text (above 18pt) WCAG AA ✓ Pass

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

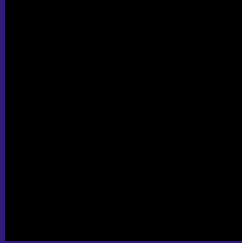
Any Text WCAG AA × Fail

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 311C7C Background



This preview shows how black text looks on a background with the Hex color 311C7C.



This preview shows how white text looks on a background with the Hex color 311C7C.

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](#).

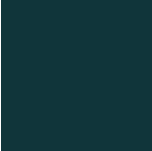
Dichromacy



Original Color
311C7C

Protanopia
002F63

Deuteranopia
003254



Tritanopia
10353A

Trichromacy



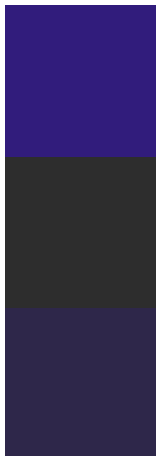
Original Color
311C7C

Protanomaly
12286C

Deuteranomaly
122A63

Tritanomaly
1C2C52

Monochromacy



Original Color
311C7C

Achromatopsia
2D2D2D

Achromatomaly
2E274A

CSS Examples

Text

The CSS property to change the color of the text to Hex 311C7C 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 #311C7C looks like.

```
.text, #text, p{  
    color:#311C7C  
}
```

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 #311C7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #311C7C
}
```

Border

The CSS property to change the border of an element to Hex 311C7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

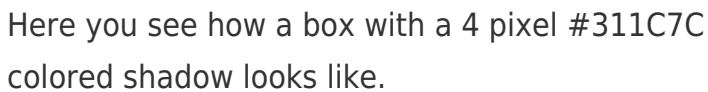
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#311C7C }
```

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

```
.border{ border-color:#311C7C }
```

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



Here you see how a box with a 4 pixel #311C7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #311C7C; -webkit-box-shadow:4px 4px  
4px 4px #311C7C; box-shadow:4px 4px 4px  
4px #311C7C }
```

Background

The CSS property to change the background color of an element to Hex 311C7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#311C7C }
```

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

```
.background{ background-color:#311C7C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor