

Converting Colors

Hex(311C85)

Have a look what the booklet for
Hex(311C85) contains.

Hex(311C85)	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(311C85)

Conversions

Conversions Part 1

Format	Color
Hex	311C85
RGB	49, 28, 133
RGB Percent	19%, 11%, 52%
CMY	0.8078, 0.8902, 0.4784
CMYK	0.63, 0.79, 0.00, 0.48
HSL	252°, 65%, 32%
HSV	252°, 79%, 52%
XYZ	5.9155, 3.1769, 22.4917
YIQ	46.2490, -21.1890, 37.1070

Conversions

Conversions Part 2

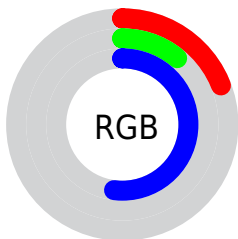
Format	Color
RYB	49, 28, 133
Decimal	3218565
CIELab	20.74, 39.79, -54.88
CIELCh	21, 67.790, 305.941
Yxy	3.1769, 0.1873, 0.1006
Android (android.graphics.Color)	4281408645 (0xFF311C85)
YUV	46.2490, 42.7682, 2.4126
Hunter-Lab	17.8239, 28.0497, -62.3403

Details

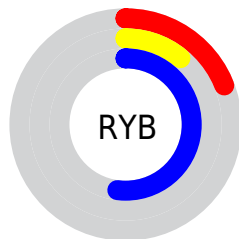
The Hex color **311C85** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **70851C**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **6A4BBB**, and **000052** is the 20% darker color. If you saturate the color by 10%, you get **260F85**, and if you desaturate by 10%, it is **3C2985**.

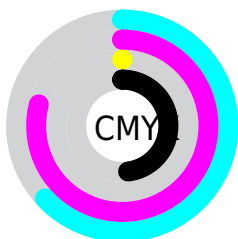
Distribution



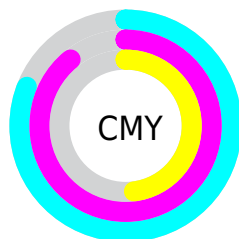
- Red (19%)
- Green (11%)
- Blue (52%)



- Red (19%)
- Yellow (11%)
- Blue (52%)



- Cyan (63%)
- Magenta (79%)
- Yellow (0%)
- Black (48%)



- Cyan (81%)
- Magenta (89%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 311C85 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 311C85 by changing the saturation by 10% instead.

■ 311C85

■ 311C85

FFFFFF

■ 0A046B

■ 6A4BBB

■ 000052

■ 8664D7

■ 00053A

■ A27DF4

■ 000223

■ BF97FF

■ 00000B

■ DCB2FF

■ 000000

■ FACEFF

■ FFEBFF

■ 311C85

■ 311C85

■ 260F85

■ 3C2985

■ 1C0185

■ 463785

■ 1B0085

■ 514485

■ 5C5185

■ 665F85

■ 716C85

■ 7B7985

■ 868685

■ 919485

Harmonies

Analogous

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



003899



311C85



70005C

Triad

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



311C85



5D1D00



00433B

Complementary

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



311C85



70851C

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.



004100



311C85



363400

Square

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



311C85



790000



003D00



00446D

Rectangle

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



311C85



7F003B



003D00



00432A

Sweetspot

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



311C85



8C84AD



1C7085



433E57



D6D6D6



575757

Same Dimension

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



311C85



2A09AD



661C85



3D3C42



1A0082



010003

Inverse Universe

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



851C70



AD098C



3C851C



423C41



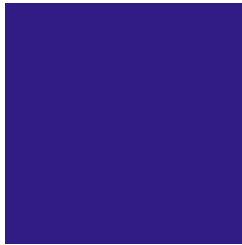
820068



030002

Previews

White Background



This preview shows how the Hex color 311C85 looks on a white background.

Color Contrast Check

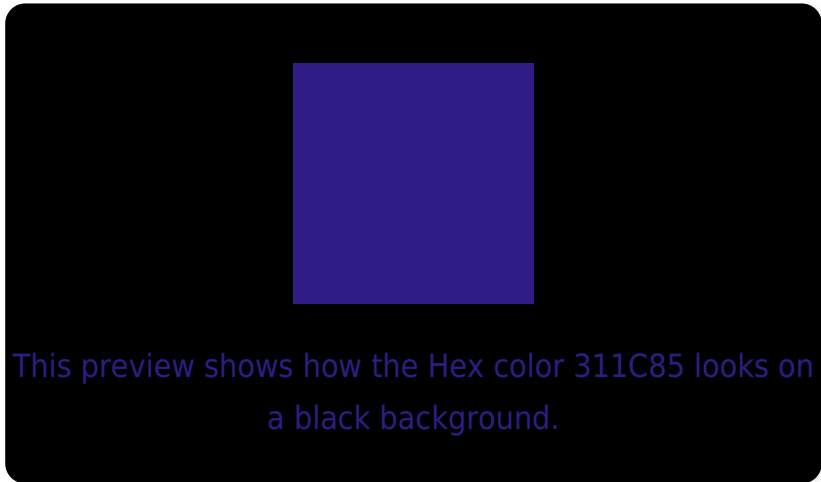
Large Text (above 18pt) WCAG AA ✓ Pass

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

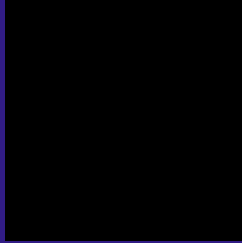
Any Text WCAG AA × Fail

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 311C85 Background



This preview shows how black text looks on a background with the Hex color 311C85.



This preview shows how white text looks on a background with the Hex color 311C85.

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
311C85

Protanopia
003167

Deuteranopia
003458



Tritanopia
00383D

Trichromacy



Original Color
311C85

Protanomaly
122972

Deuteranomaly
122B68

Tritanomaly
122E57

Monochromacy



Original Color
311C85

Achromatopsia
2E2E2E

Achromatomaly
2F274E

CSS Examples

Text

The CSS property to change the color of the text to Hex 311C85 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 #311C85 looks like.

```
.text, #text, p{  
    color:#311C85  
}
```

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 #311C85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #311C85
}
```

Border

The CSS property to change the border of an element to Hex 311C85 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
#311C85 }
```

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

```
.border{ border-color:#311C85 }
```

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

Here you see how a box with a 4 pixel #311C85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #311C85; -webkit-box-shadow:4px 4px  
4px 4px #311C85; box-shadow:4px 4px 4px  
4px #311C85 }
```

Background

The CSS property to change the background color of an element to Hex 311C85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#311C85 }
```

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

```
.background{ background-color:#311C85 }
```

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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