

Converting Colors

Hex(311D61)

Have a look what the booklet for
Hex(311D61) contains.

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Color

Hex(311D61)

Conversions

Conversions Part 1

Format	Color
Hex	311D61
RGB	49, 29, 97
RGB Percent	19%, 11%, 38%
CMY	0.8078, 0.8863, 0.6196
CMYK	0.49, 0.70, 0.00, 0.62
HSL	258°, 54%, 25%
HSV	258°, 70%, 38%
XYZ	3.8637, 2.3948, 11.5679
YIQ	42.7320, -9.9080, 25.3880

Conversions

Conversions Part 2

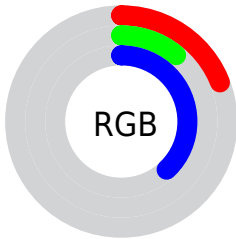
Format	Color
R_{YB}	49, 29, 97
Decimal	3218785
CIE _{Lab}	17.44, 27.80, -37.08
CIE _{LCh}	17, 46.340, 306.862
Yxy	2.3948, 0.2167, 0.1343
Android (android.graphics.Color)	4281408865 (0xFF311D61)
YUV	42.7320, 26.7541, 5.4970
Hunter-Lab	15.4750, 17.4849, -33.4878

Details

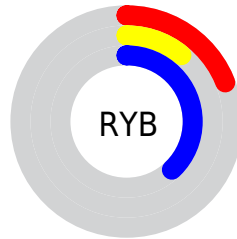
The Hex color **311D61** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4D611D**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **644A94**, and **000032** is the 20% darker color. If you saturate the color by 10%, you get **2A1361**, and if you desaturate by 10%, it is **382761**.

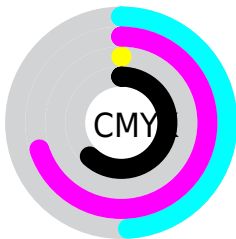
Distribution



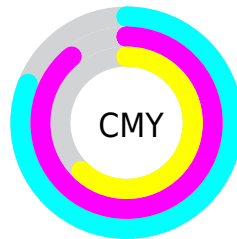
- Red (19%)
- Green (11%)
- Blue (38%)



- Red (19%)
- Yellow (11%)
- Blue (38%)



- Cyan (49%)
- Magenta (70%)
- Yellow (0%)
- Black (62%)



- Cyan (81%)
- Magenta (89%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 311D61 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 311D61 by changing the saturation by 10% instead.

■ 311D61

■ 311D61

FFFFFF

■ 170849

■ 644A94

■ 000032

■ 7E62AF

■ 00011C

■ 997CCB

■ 000000

■ B496E7

■ D1B0FF

■ EDCCFF

■ FFE8FF

■ 311D61

■ 311D61

■ 2A1361

■ 382761

■ 230A61

■ 3F3061

■ 1D0061

■ 463A61

■ 4C4461

■ 534E61

■ 5A5761

■ 616161

■ 686B61

■ 6F7461

Harmonies

Analogous

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



002D6E



311D61



560046

Triad

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



311D61



4A1F00



003832

Complementary

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



311D61



4D611D

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.



00370E



311D61



2F2C00

Square

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



311D61



5D0400



063300



003852

Rectangle

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



311D61



610030



063300



003826

Sweetspot

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



311D61



6A637D



1D4E61



343040



BFBFBF



404040

Same Dimension

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



311D61



33147D



521D61



2D2C30



210070



4600F0

Inverse Universe

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



611D4D



7D145E



2C611D



302C2F



70004F



F000A9

Previews

White Background



This preview shows how the Hex color 311D61 looks on a white background.

Color Contrast Check

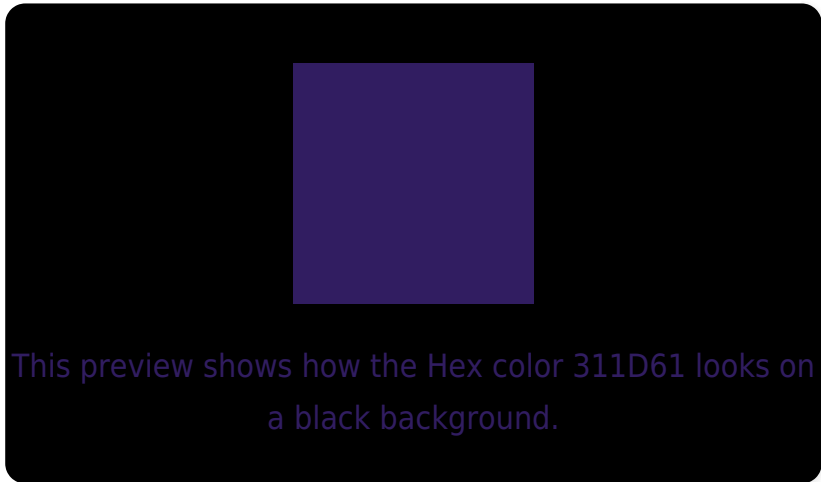
Large Text (above 18pt) WCAG AA ✓ Pass

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

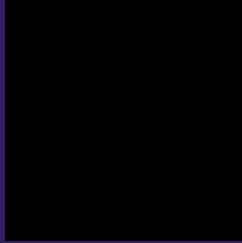
Any Text WCAG AA × Fail

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 311D61 Background



This preview shows how black text looks on a background with the Hex color 311D61.



This preview shows how white text looks on a background with the Hex color 311D61.

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
311D61

Protanopia
002A59

Deuteranopia
002D4C



Tritanopia
232D31

Trichromacy



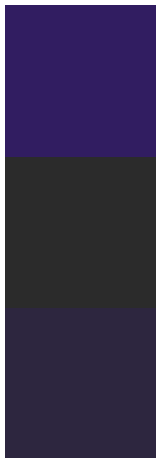
Original Color
311D61

Protanomaly
12255C

Deuteranomaly
122754

Tritanomaly
282742

Monochromacy



Original Color
311D61

Achromatopsia
2B2B2B

Achromatomaly
2D263F

CSS Examples

Text

The CSS property to change the color of the text to Hex 311D61 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 #311D61 looks like.

```
.text, #text, p{  
    color:#311D61  
}
```

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 #311D61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #311D61
}
```

Border

The CSS property to change the border of an element to Hex 311D61 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
#311D61 }
```

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

```
.border{ border-color:#311D61 }
```

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

Here you see how a box with a 4 pixel #311D61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #311D61; -webkit-box-shadow:4px 4px  
4px 4px #311D61; box-shadow:4px 4px 4px  
4px #311D61 }
```

Background

The CSS property to change the background color of an element to Hex 311D61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#311D61 }
```

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

```
.background{ background-color:#311D61 }
```

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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