

Converting Colors

Hex(311281)

Have a look what the booklet for
Hex(311281) contains.

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Color

Hex(311281)

Conversions

Conversions Part 1

Format	Color
Hex	311281
RGB	49, 18, 129
RGB Percent	19%, 7%, 51%
CMY	0.8078, 0.9294, 0.4941
CMYK	0.62, 0.86, 0.00, 0.49
HSL	257°, 76%, 29%
HSV	257°, 86%, 51%
XYZ	5.4454, 2.6706, 20.9973
YIQ	39.9230, -17.1550, 41.0930

Conversions

Conversions Part 2

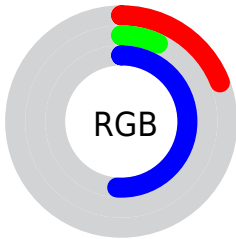
Format	Color
R_{YB}	49, 18, 129
Decimal	3216001
CIE _{Lab}	18.67, 43.30, -55.77
CIE _{LCh}	19, 70.604, 307.827
Yxy	2.6706, 0.1870, 0.0917
Android (android.graphics.Color)	4281406081 (0xFF311281)
YUV	39.9230, 43.9150, 7.9605
Hunter-Lab	16.3418, 30.8810, -64.7414

Details

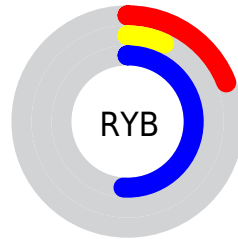
The Hex color **311281** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **628112**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **6A43B7**, and **00004E** is the 20% darker color. If you saturate the color by 10%, you get **280581**, and if you desaturate by 10%, it is **3A1F81**.

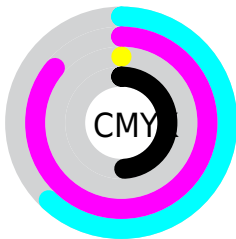
Distribution



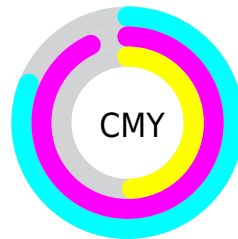
- Red (19%)
- Green (7%)
- Blue (51%)



- Red (19%)
- Yellow (7%)
- Blue (51%)



- Cyan (62%)
- Magenta (86%)
- Yellow (0%)
- Black (49%)



- Cyan (81%)
- Magenta (93%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 311281 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 311281 by changing the saturation by 10% instead.

■ 311281

■ 311281

FFFFFF

■ 0B0067

■ 6A43B7

■ 00004E

■ 865BD3

■ 000536

■ A275F0

■ 000220

■ BF8FFF

■ 000004

■ DCAAFF

■ 000000

■ FAC6FF

■ FFE2FF

■ 311281

■ 311281

■ 280581

■ 3A1F81

■ 240081

■ 442C81

■ 4D3981

■ 564681

■ 5F5381

■ 695F81

■ 726C81

■ 7B7981

■ 858681

Harmonies

Analogous

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



003397



311281



6F0055

Triad

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



311281



561900



003F3A

Complementary

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



311281



628112

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.



003D00



311281



2D3000

Square

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



311281



730000



003900



003F6D

Rectangle

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



311281



7D0034



003900



003E28

Sweetspot

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



311281



897DA8



126381



413A54



D4D4D4



545454

Same Dimension

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



311281



2F00A8



671281



3B3940



240080



000000

Inverse Universe

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



811262



A80079



2C8112



40393E



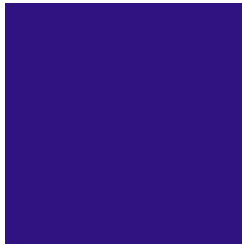
80005C



000000

Previews

White Background



This preview shows how the Hex color 311281 looks on a white background.

Color Contrast Check

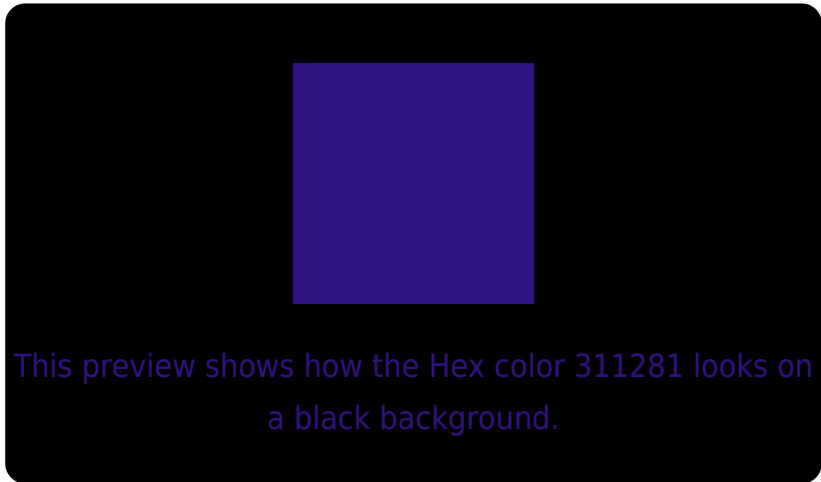
Large Text (above 18pt) WCAG AA ✓ Pass

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

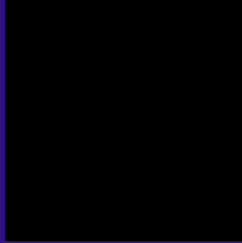
Any Text WCAG AA × Fail

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 311281 Background



This preview shows how black text looks on a background with the Hex color 311281.



This preview shows how white text looks on a background with the Hex color 311281.

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
311281

Protanopia
002D5F

Deuteranopia
003051

Trichromacy



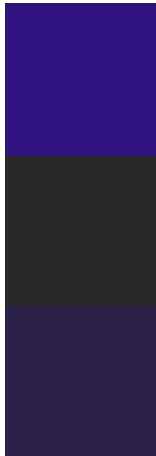
Original Color
311281

Protanomaly
12236B

Deuteranomaly
122562

Tritanomaly
122853

Monochromacy



Original Color
311281

Achromatopsia
282828

Achromatomaly
2B2048

CSS Examples

Text

The CSS property to change the color of the text to Hex 311281 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 #311281 looks like.

```
.text, #text, p{  
    color:#311281  
}
```

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 #311281 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #311281
}
```

Border

The CSS property to change the border of an element to Hex 311281 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
#311281 }
```

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

```
.border{ border-color:#311281 }
```

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

Here you see how a box with a 4 pixel #311281 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #311281; -webkit-box-shadow:4px 4px  
4px 4px #311281; box-shadow:4px 4px 4px  
4px #311281 }
```

Background

The CSS property to change the background color of an element to Hex 311281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#311281 }
```

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

```
.background{ background-color:#311281 }
```

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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