

Converting Colors

Hex(310671)

Have a look what the booklet for
Hex(310671) contains.

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Color

Hex(310671)

Conversions

Conversions Part 1

Format	Color
Hex	310671
RGB	49, 6, 113
RGB Percent	19%, 2%, 44%
CMY	0.8078, 0.9765, 0.5569
CMYK	0.57, 0.95, 0.00, 0.56
HSL	264°, 90%, 23%
HSV	264°, 95%, 44%
XYZ	4.3124, 1.9755, 15.7768
YIQ	31.0550, -8.7190, 42.3930

Conversions

Conversions Part 2

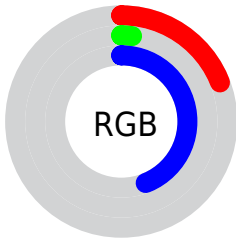
Format	Color
RYB	49, 6, 113
Decimal	3212913
CIELab	15.36, 43.17, -50.98
CIELCh	15, 66.803, 310.256
Yxy	1.9755, 0.1954, 0.0895
Android (android.graphics.Color)	4281402993 (0xFF310671)
YUV	31.0550, 40.3989, 15.7378
Hunter-Lab	14.0551, 30.1706, -56.7140

Details

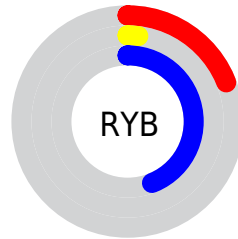
The Hex color **310671** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **467106**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **683AA6**, and **000040** is the 20% darker color. If you saturate the color by 10%, you get **2D0071**, and if you desaturate by 10%, it is **381171**.

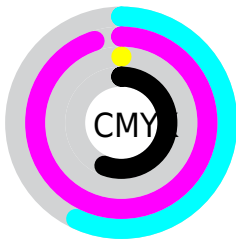
Distribution



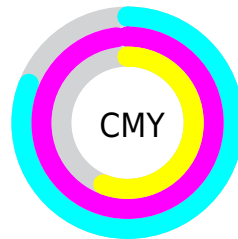
- Red (19%)
- Green (2%)
- Blue (44%)



- Red (19%)
- Yellow (2%)
- Blue (44%)



- Cyan (57%)
- Magenta (95%)
- Yellow (0%)
- Black (56%)



- Cyan (81%)
- Magenta (98%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 310671 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 310671 by changing the saturation by 10% instead.

 310671

 310671

 FFF5FF

 120058

 683AA6

 000040

 8352C2

 000329

 9F6CDE

 000112

 BC86FB

 000000

 D8A0FF

 F6BCFF

 FFD8FF

 310671

 310671

■ 2D0071

■ 381171

■ 3F1D71

■ 452871

■ 4C3371

■ 533F71

■ 5A4A71

■ 605571

■ 676071

■ 6E6C71

Harmonies

Analogous

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



002A88



310671



650048

Triad

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



310671



491600



003736

Complementary

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



310671



467106

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.



003600



310671



222A00

Square

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



310671



640000



003200



003764

Rectangle

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



310671



700029



003200



003726

Sweetspot

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



310671



7B6A94



064671



3B314A



C9C9C9



4A4A4A

Same Dimension

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



310671



3B0094



660671



353238



300078



6300F7

Inverse Universe

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



710646



940058



117106



383236



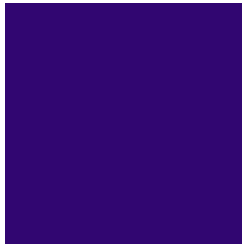
780048



F70094

Previews

White Background



This preview shows how the Hex color 310671 looks on a white background.

Color Contrast Check

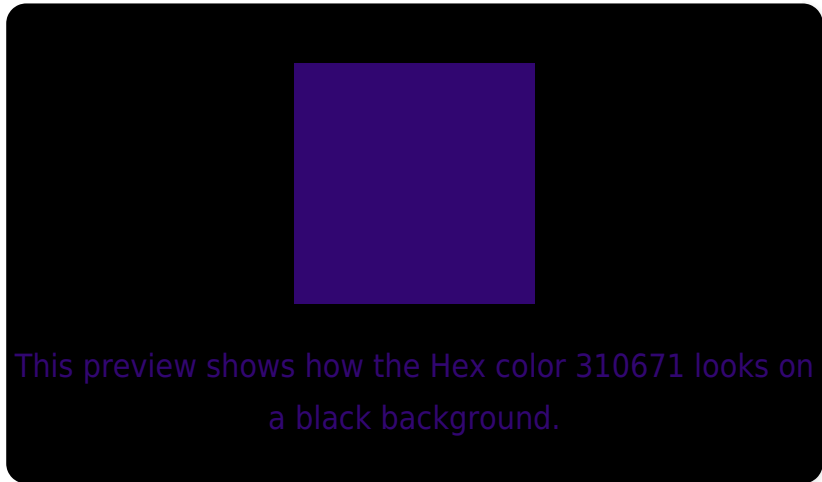
Large Text (above 18pt) WCAG AA ✓ Pass

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

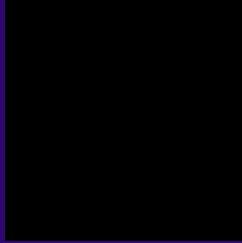
Any Text WCAG AA × Fail

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 310671 Background



This preview shows how black text looks on a background with the Hex color 310671.



This preview shows how white text looks on a background with the Hex color 310671.

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
310671

Protanopia
002854

Deuteranopia
002A47



Tritanopia
182C30

Trichromacy



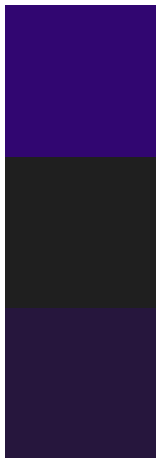
Original Color
310671

Protanomaly
121C5F

Deuteranomaly
121D56

Tritanomaly
211E48

Monochromacy



Original Color
310671

Achromatopsia
1F1F1F

Achromatomaly
26163D

CSS Examples

Text

The CSS property to change the color of the text to Hex 310671 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 #310671 looks like.

```
.text, #text, p{  
    color:#310671  
}
```

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 #310671 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #310671
}
```

Border

The CSS property to change the border of an element to Hex 310671 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
#310671 }
```

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

```
.border{ border-color:#310671 }
```

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

Here you see how a box with a 4 pixel #310671 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #310671; -webkit-box-shadow:4px 4px  
4px 4px #310671; box-shadow:4px 4px 4px  
4px #310671 }
```

Background

The CSS property to change the background color of an element to Hex 310671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#310671 }
```

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

```
.background{ background-color:#310671 }
```

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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