

Converting Colors

Hex(310051)

Have a look what the booklet for
Hex(310051) contains.

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Color

Hex(310051)

Conversions

Conversions Part 1

Format	Color
Hex	310051
RGB	49, 0, 81
RGB Percent	19%, 0%, 32%
CMY	0.8078, 1.0000, 0.6824
CMYK	0.40, 1.00, 0.00, 0.68
HSL	276°, 100%, 16%
HSV	276°, 100%, 32%
XYZ	2.7518, 1.2470, 7.8802
YIQ	23.8850, 3.2030, 35.5790

Conversions

Conversions Part 2

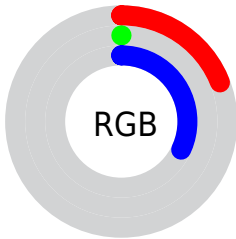
Format	Color
R_{YB}	49, 0, 81
Decimal	3211345
CIE _{Lab}	10.90, 37.58, -36.97
CIE _{LCh}	11, 52.717, 315.473
Yxy	1.2470, 0.2317, 0.1050
Android (android.graphics.Color)	4281401425 (0xFF310051)
YUV	23.8850, 28.1577, 22.0259
Hunter-Lab	11.1671, 24.4438, -34.0218

Details

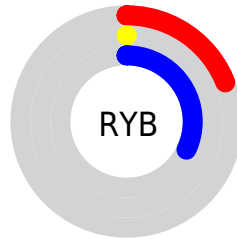
The Hex color **310051** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **205100**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **643283**, and **000223** is the 20% darker color. If you saturate the color by 10%, you get **310051**, and if you desaturate by 10%, it is **340851**.

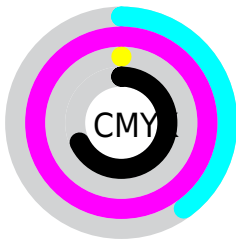
Distribution



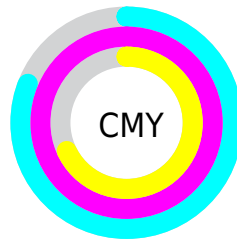
- Red (19%)
- Green (0%)
- Blue (32%)



- Red (19%)
- Yellow (0%)
- Blue (32%)



- Cyan (40%)
- Magenta (100%)
- Yellow (0%)
- Black (68%)




- Cyan (81%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 310051 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 310051 by changing the saturation by 10% instead.

 310051

 310051

 FFEBFF

 1D003A

 643283

 000223

 7E4A9E

 00000A

 9963B9

 000000

 B57DD5

 D197F1

 EEB2FF

 FFCEFF

 310051

■ 340851

■ 371051

■ 3B1851

■ 3E2051

■ 412951

■ 443151

■ 473951

■ 4B4151

■ 4E4951

Harmonies

Analogous

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



001D65



310051



500030

Triad

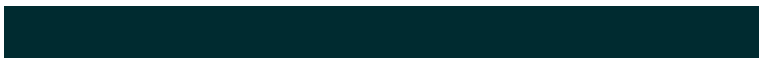
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



310051



341500



002B30

Complementary

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



310051



205100

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.



002A05



310051



142200

Square

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



310051



4A0000



002800



002B51

Rectangle

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



310051



560019



002800



002B23

Sweetspot

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



310051



5C4969



002051



2E2236



B5B5B5



363636

Same Dimension

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



310051



3F0069



510049



272529



8C00E8

Inverse Universe

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



510020



690029



005108



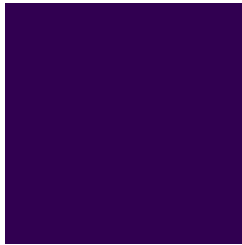
292526



E8005C

Previews

White Background



This preview shows how the Hex color 310051 looks on a white background.

Color Contrast Check

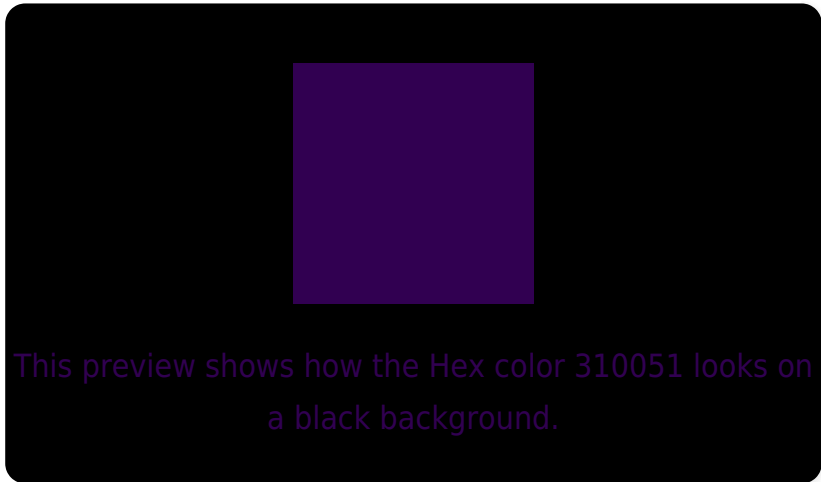
Large Text (above 18pt) WCAG AA ✓ Pass

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

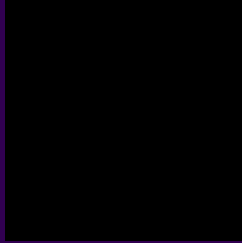
Any Text WCAG AA × Fail

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 310051 Background



This preview shows how black text looks on a background with the Hex color 310051.



This preview shows how white text looks on a background with the Hex color 310051.

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
310051

Protanopia
002145

Deuteranopia
00233B

Trichromacy



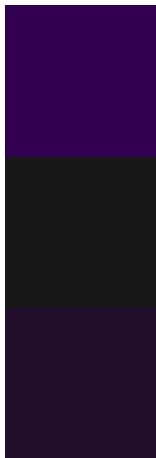
Original Color
310051

Protanomaly
121549

Deuteranomaly
121643

Tritanomaly
2B1433

Monochromacy



Original Color
310051

Achromatopsia
181818

Achromatomaly
210F2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 310051 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 #310051 looks like.

```
.text, #text, p{  
    color:#310051  
}
```

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 #310051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #310051
}
```

Border

The CSS property to change the border of an element to Hex 310051 is called "border". The border property can be set on classes, ids or directly on the HTML element.

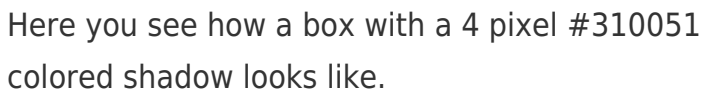
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#310051 }
```

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

```
.border{ border-color:#310051 }
```

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



Here you see how a box with a 4 pixel #310051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #310051; -webkit-box-shadow:4px 4px  
4px 4px #310051; box-shadow:4px 4px 4px  
4px #310051 }
```

Background

The CSS property to change the background color of an element to Hex 310051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#310051 }
```

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

```
.background{ background-color:#310051 }
```

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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