

Converting Colors

Hex(310094)

Have a look what the booklet for
Hex(310094) contains.

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Color

Hex(310094)

Conversions

Conversions Part 1

Format	Color
Hex	310094
RGB	49, 0, 148
RGB Percent	19%, 0%, 58%
CMY	0.8078, 1.0000, 0.4196
CMYK	0.67, 1.00, 0.00, 0.42
HSL	260°, 100%, 29%
HSV	260°, 100%, 58%
XYZ	6.6119, 2.7911, 28.2072
YIQ	31.5230, -18.3040, 56.4160

Conversions

Conversions Part 2

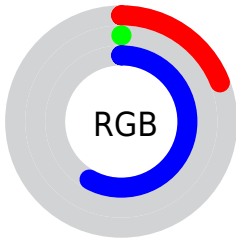
Format	Color
RYB	49, 0, 148
Decimal	3211412
CIELab	19.19, 53.97, -66.83
CIELCh	19, 85.899, 308.923
Yxy	2.7911, 0.1758, 0.0742
Android (android.graphics.Color)	4281401492 (0xFF310094)
YUV	31.5230, 57.4232, 15.3273
Hunter-Lab	16.7065, 41.4082, -88.4103

Details

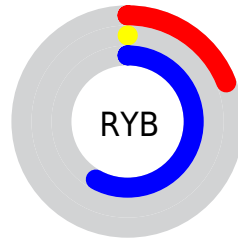
The Hex color **310094** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **639400**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **6F3ACB**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **310094**, and if you desaturate by 10%, it is **3B0F94**.

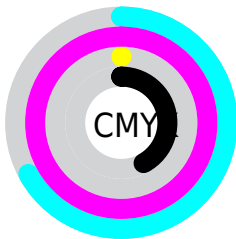
Distribution



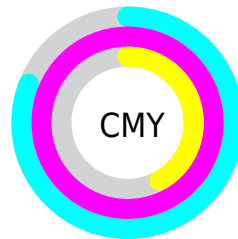
- Red (19%)
- Green (0%)
- Blue (58%)



- Red (19%)
- Yellow (0%)
- Blue (58%)



- Cyan (67%)
- Magenta (100%)
- Yellow (0%)
- Black (42%)




- Cyan (81%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 310094 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 310094 by changing the saturation by 10% instead.

 310094

 310094

 FFF9FF

 000079

 6F3ACB

 000060

 8C54E8

 000247

 A96EFF

 00042F

 C788FF


 00011A

 E5A4FF

 000000

 FFBFFF

 FFD0FF

 310094

 3B0F94

 451E94

 4F2C94

 593B94

 624A94

 6C5994

 766894

 807694

 8A8594

Harmonies

Analogous

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



0036B1



310094



7F005D

Triad

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



310094



5C1500



004241

Complementary

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



310094



639400

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.



004000



310094



293300

Square

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



310094



800000



003C00



00447F

Rectangle

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



310094



8E0034



003C00



00412B

Sweetspot

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



310094



9986BF



006594



4A3E61



E0E0E0



616161

Same Dimension

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



310094



3F00BF



790094



45434A



2E008A



03000A

Inverse Universe

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



940063



BF0080



1B9400



4A4348



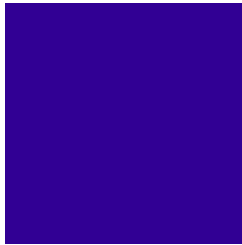
8A005C



0A0007

Previews

White Background



This preview shows how the Hex color 310094 looks on a white background.

Color Contrast Check

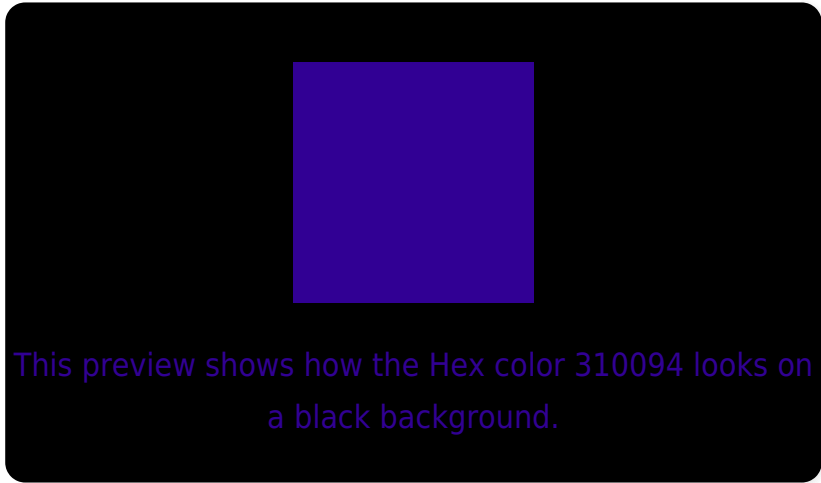
Large Text (above 18pt) WCAG AA ✓ Pass

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

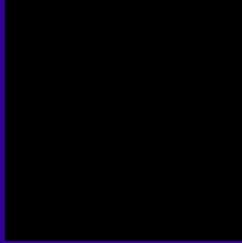
Any Text WCAG AA × Fail

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 310094 Background



This preview shows how black text looks on a background with the Hex color 310094.



This preview shows how white text looks on a background with the Hex color 310094.

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

310094

Protanopia

003065

Deuteranopia

003356



Tritanopia
00373B

Trichromacy



Original Color
310094

Protanomaly
121F76

Deuteranomaly
12206D

Tritanomaly
12235B

Monochromacy



Original Color
310094

Achromatopsia
202020

Achromatomaly
26144A

CSS Examples

Text

The CSS property to change the color of the text to Hex 310094 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 #310094 looks like.

```
.text, #text, p{  
    color:#310094  
}
```

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 #310094 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #310094
}
```

Border

The CSS property to change the border of an element to Hex 310094 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
#310094 }
```

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

```
.border{ border-color:#310094 }
```

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

Here you see how a box with a 4 pixel #310094 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #310094; -webkit-box-shadow:4px 4px  
4px 4px #310094; box-shadow:4px 4px 4px  
4px #310094 }
```

Background

The CSS property to change the background color of an element to Hex 310094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#310094 }
```

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

```
.background{ background-color:#310094 }
```

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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