

Converting Colors

Hex(310AA1)

Have a look what the booklet for
Hex(310AA1) contains.

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Color

Hex(310AA1)

Conversions

Conversions Part 1

Format	Color
Hex	310AA1
RGB	49, 10, 161
RGB Percent	19%, 4%, 63%
CMY	0.8078, 0.9608, 0.3686
CMYK	0.70, 0.94, 0.00, 0.37
HSL	255°, 88%, 34%
HSV	255°, 94%, 63%
XYZ	7.8082, 3.4433, 33.9713
YIQ	38.8750, -25.2270, 55.2290

Conversions

Conversions Part 2

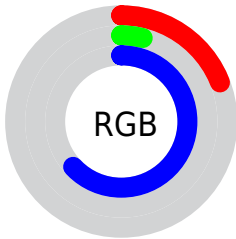
Format	Color
R_{YB}	49, 10, 161
Decimal	3213985
CIE _{Lab}	21.74, 54.69, -70.58
CIE _{LCh}	22, 89.292, 307.771
Yxy	3.4433, 0.1727, 0.0761
Android (android.graphics.Color)	4281404065 (0xFF310AA1)
YUV	38.8750, 60.2076, 8.8796
Hunter-Lab	18.5560, 42.6380, -95.5555

Details

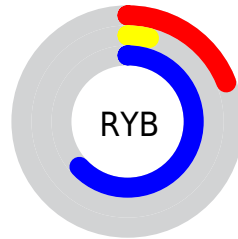
The Hex color **310AA1** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **7AA10A**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **7141D9**, and **00006C** is the 20% darker color. If you saturate the color by 10%, you get **2A00A1**, and if you desaturate by 10%, it is **3D1AA1**.

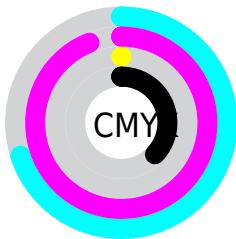
Distribution



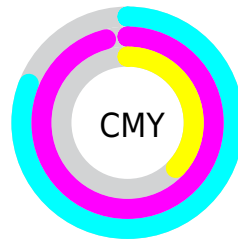
- Red (19%)
- Green (4%)
- Blue (63%)



- Red (19%)
- Yellow (4%)
- Blue (63%)



- Cyan (70%)
- Magenta (94%)
- Yellow (0%)
- Black (37%)



- Cyan (81%)
- Magenta (96%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 310AA1 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 310AA1 by changing the saturation by 10% instead.

■ 310AA1

■ 310AA1

FFFFFF

■ 000086

■ 7141D9

■ 00006C

■ 8F5BF6

■ 000052

■ AC75FF

■ 00063A

■ CA8FFF

■ 000224

■ E8ABFF

■ 00000B

■ FFC6FF

■ 000000

■ FFE3FF

■ 310AA1

■ 310AA1

■ 2A00A1

■ 3D1AA1

■ 492AA1

■ 553AA1

■ 614AA1

■ 6D5BA1

■ 796BA1

■ 857BA1

■ 918BA1

■ 9C9BA1

Harmonies

Analogous

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



003CBE



310AA1



880068

Triad

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



310AA1



661700



004945

Complementary

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



310AA1



7AA10A

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.



004600



310AA1



313800

Square

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



310AA1



8B0000



004300



004A87

Rectangle

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



310AA1



99003D



004300



00482D

Sweetspot

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



310AA1



A697D1



0A7BA1



4E4569



E8E8E8



696969

Same Dimension

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



310AA1



3600D1



7B0AA1



4C4952



260091



050012

Inverse Universe

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



A10A7A



D1009B



30A10A



52494F



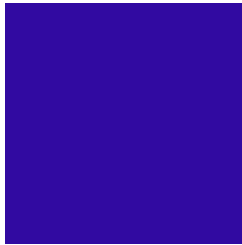
91006C



12000D

Previews

White Background



This preview shows how the Hex color 310AA1 looks on a white background.

Color Contrast Check

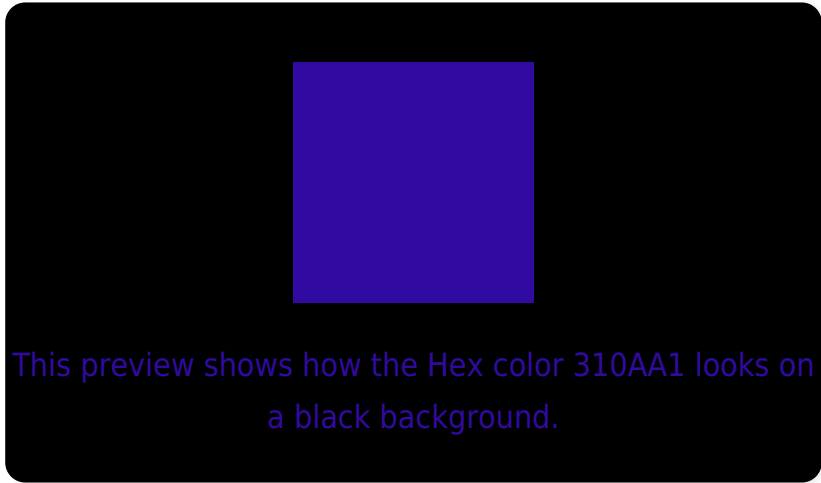
Large Text (above 18pt) WCAG AA ✓ Pass

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

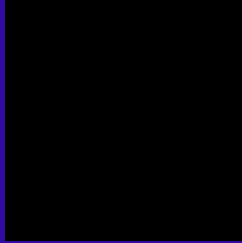
Any Text WCAG AA × Fail

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 310AA1 Background



This preview shows how black text looks on a background with the Hex color 310AA1.



This preview shows how white text looks on a background with the Hex color 310AA1.

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
310AA1

Protanopia
00346D

Deuteranopia
00385D



Tritanopia
003C3F

Trichromacy



Original Color
310AA1

Protanomaly
122580

Deuteranomaly
122776

Tritanomaly
122A63

Monochromacy



Original Color
310AA1

Achromatopsia
272727

Achromatomaly
2B1C53

CSS Examples

Text

The CSS property to change the color of the text to Hex 310AA1 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 #310AA1 looks like.

```
.text, #text, p{  
    color:#310AA1  
}
```

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 #310AA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #310AA1
}
```

Border

The CSS property to change the border of an element to Hex 310AA1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

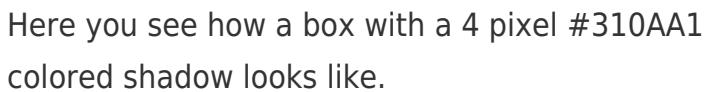
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#310AA1 }
```

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

```
.border{ border-color:#310AA1 }
```

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



Here you see how a box with a 4 pixel #310AA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #310AA1; -webkit-box-shadow:4px 4px  
4px 4px #310AA1; box-shadow:4px 4px 4px  
4px #310AA1 }
```

Background

The CSS property to change the background color of an element to Hex 310AA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#310AA1 }
```

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

```
.background{ background-color:#310AA1 }
```

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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