

Converting Colors

Hex(313AA0)

Have a look what the booklet for
Hex(313AA0) contains.

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Color

Hex(313AA0)

Conversions

Conversions Part 1

Format	Color
Hex	313AA0
RGB	49, 58, 160
RGB Percent	19%, 23%, 63%
CMY	0.8078, 0.7725, 0.3725
CMYK	0.69, 0.64, 0.00, 0.37
HSL	235°, 53%, 41%
HSV	235°, 69%, 63%
XYZ	9.1248, 6.2171, 33.9768
YIQ	66.9370, -38.1060, 29.8140

Conversions

Conversions Part 2

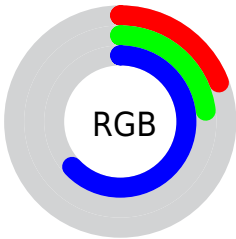
Format	Color
R_{YB}	49, 57, 160
Decimal	3226272
CIE _{Lab}	29.95, 30.87, -56.42
CIE _{LCh}	30, 64.317, 298.682
Yxy	6.2171, 0.1850, 0.1261
Android (android.graphics.Color)	4281416352 (0xFF313AA0)
YUV	66.9370, 45.8801, -15.7307
Hunter-Lab	24.9342, 21.6884, -63.3381

Details

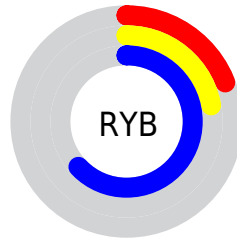
The Hex color **313AA0** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A09731**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6E69D8**, and **00116B** is the 20% darker color. If you saturate the color by 10%, you get **212BA0**, and if you desaturate by 10%, it is **4149A0**.

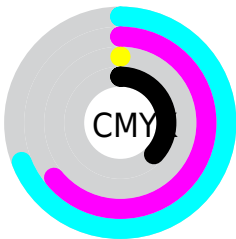
Distribution



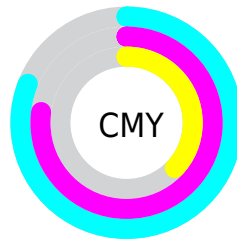
- Red (19%)
- Green (23%)
- Blue (63%)



- Red (19%)
- Yellow (22%)
- Blue (63%)



- Cyan (69%)
- Magenta (64%)
- Yellow (0%)
- Black (37%)





- Cyan (81%)
- Magenta (77%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313AA0 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 313AA0 by changing the saturation by 10% instead.

 313AA0

 313AA0

FFFFFF

 002485

 6E69D8

 00116B

 8A82F4

 000053

 A79DFF

 00063A

 C4B8FF

 000224


 E2D3FF

 00000B

 FFF0FF

 000000

 313AA0

 313AA0

 212BA0

 4149A0

■ 111DA0

■ 5157A0

■ 010EA0

■ 6166A0

■ 000DA0

■ 7175A0

■ 8184A0

■ 9192A0

■ A1A1A0

■ B1B0A0

■ C1BEA0

Harmonies

Analogous

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



004FAD



313AA0



7D107C

Triad

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



313AA0



7E2C00



005A43

Complementary

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



313AA0



A09731

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.



005708



313AA0



594400

Square

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



313AA0



96001A



265100



005A76

Rectangle

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



313AA0



93005C



265100



005931

Sweetspot

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



313AA0



A5A9D1



31A097



4E5169



E8E8E8



696969

Same Dimension

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



313AA0



2432D1



5F31A0



47484F



000C8F



00010F

Inverse Universe

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



A0313A



D12432



72A031



4F4748



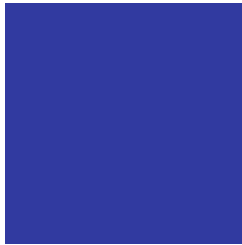
8F000C



0F0001

Previews

White Background



This preview shows how the Hex color 313AA0 looks on a white background.

Color Contrast Check

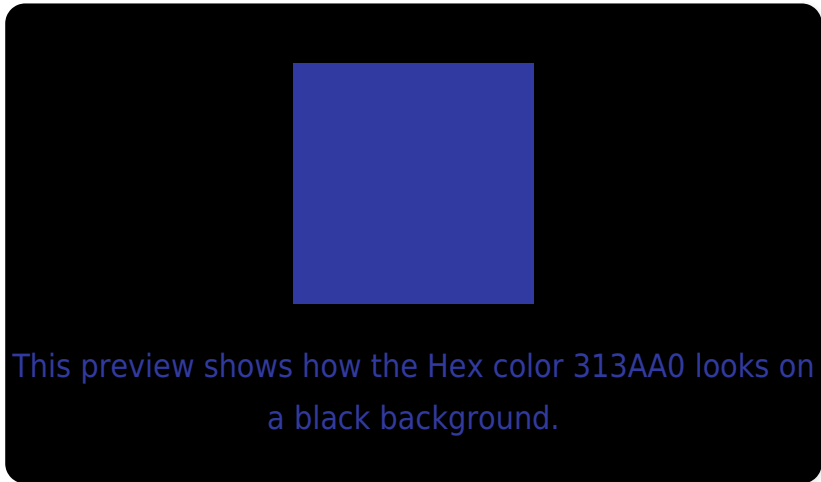
Large Text (above 18pt) WCAG AA ✓ Pass

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

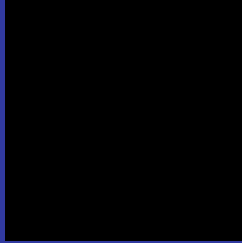
Any Text WCAG AA × Fail

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 313AA0 Background



This preview shows how black text looks on a background with the Hex color 313AA0.

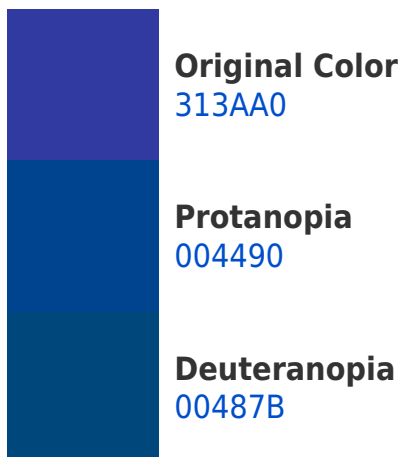


This preview shows how white text looks on a background with the Hex color 313AA0.

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](#).

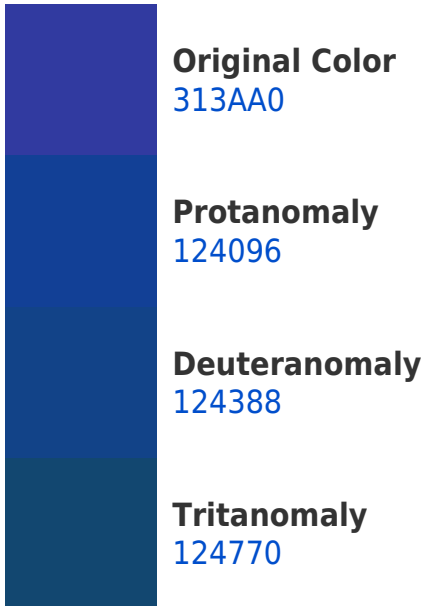
Dichromacy





Tritanopia
004E54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 313AA0 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 #313AA0 looks like.

```
.text, #text, p{  
    color:#313AA0  
}
```

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 #313AA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313AA0
}
```

Border

The CSS property to change the border of an element to Hex 313AA0 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
#313AA0 }
```

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

```
.border{ border-color:#313AA0 }
```

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

Here you see how a box with a 4 pixel #313AA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313AA0; -webkit-box-shadow:4px 4px  
4px 4px #313AA0; box-shadow:4px 4px 4px  
4px #313AA0 }
```

Background

The CSS property to change the background color of an element to Hex 313AA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313AA0 }
```

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

```
.background{ background-color:#313AA0 }
```

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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