

Converting Colors

Hex(314899)

Have a look what the booklet for
Hex(314899) contains.

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Color

Hex(314899)

Conversions

Conversions Part 1

Format	Color
Hex	314899
RGB	49, 72, 153
RGB Percent	19%, 28%, 60%
CMY	0.8078, 0.7176, 0.4000
CMYK	0.68, 0.53, 0.00, 0.40
HSL	227°, 51%, 40%
HSV	227°, 68%, 60%
XYZ	9.3338, 7.5876, 31.1096
YIQ	74.3570, -39.7090, 20.3150

Conversions

Conversions Part 2

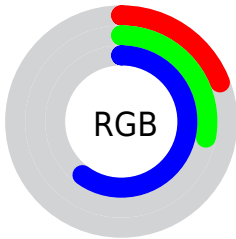
Format	Color
R_{YB}	49, 68, 153
Decimal	3229849
CIE _{Lab}	33.11, 19.00, -47.06
CIE _{LCh}	33, 50.749, 291.991
Yxy	7.5876, 0.1943, 0.1580
Android (android.graphics.Color)	4281419929 (0xFF314899)
YUV	74.3570, 38.7710, -22.2381
Hunter-Lab	27.5456, 12.2794, -47.6793

Details

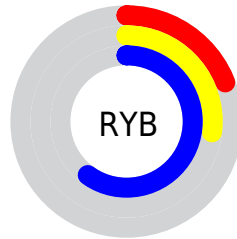
The Hex color **314899** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **998231**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **6B78D0**, and **001D65** is the 20% darker color. If you saturate the color by 10%, you get **223C99**, and if you desaturate by 10%, it is **405499**.

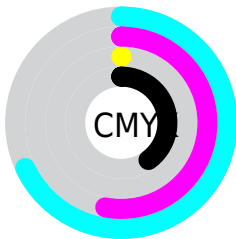
Distribution



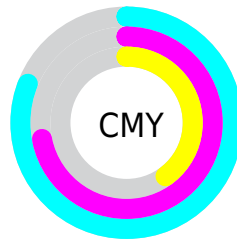
- Red (19%)
- Green (28%)
- Blue (60%)



- Red (19%)
- Yellow (27%)
- Blue (60%)



- Cyan (68%)
- Magenta (53%)
- Yellow (0%)
- Black (40%)



- Cyan (81%)
- Magenta (72%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 314899 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 314899 by changing the saturation by 10% instead.

 314899  314899

FFFFFF  06327F

 6B78D0  001D65

 8792ED  00064D

 A3ACFF  000535

 C0C7FF  00021F

 DDE3FF  000002

 FBFFFF  000000

 314899  314899

 223C99  405499

■ 123099

■ 506099

■ 032499

■ 5F6C99

■ 002299

■ 6E7899

■ 7E8499

■ 8D8F99

■ 9C9B99

■ ABA799

■ BBB399

Harmonies

Analogous

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



00569E



314899



733380

Triad

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



314899



84360B



005F41

Complementary

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



314899



998231

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.



005C17



314899



684800

Square

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



314899



932233



435500



00606B

Rectangle

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



314899



882568



435500



005E33

Sweetspot

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



314899



9FA8C7



319981



4C5163



E3E3E3



636363

Same Dimension

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



314899



2448C7



4D3199



45474D



001F8C



00030D

Inverse Universe

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



993148



C72448



7D9931



4D4547



8C001F



0D0003

Previews

White Background



This preview shows how the Hex color 314899 looks on a white background.

Color Contrast Check

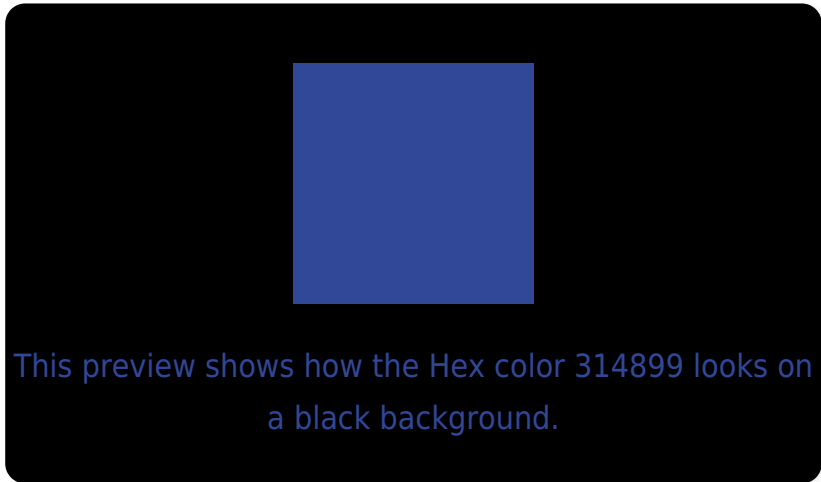
Large Text (above 18pt) WCAG AA ✓ Pass

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

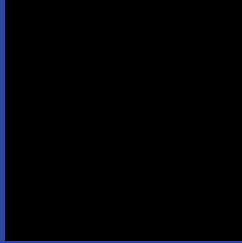
Any Text WCAG AA × Fail

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 314899 Background



This preview shows how black text looks on a background with the Hex color 314899.



This preview shows how white text looks on a background with the Hex color 314899.

Color Blindness Simulation

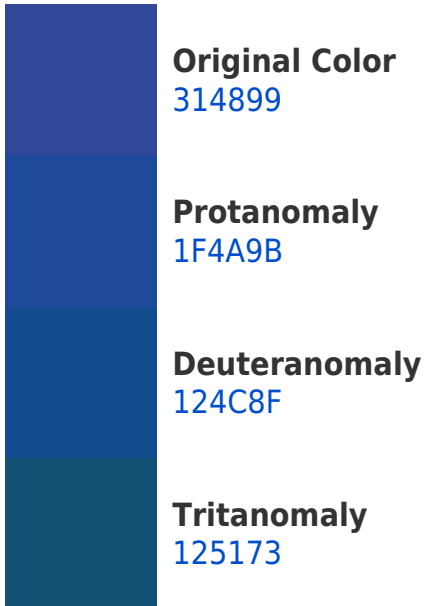
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 314899 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 #314899 looks like.

```
.text, #text, p{  
    color:#314899  
}
```

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 #314899 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314899
}
```

Border

The CSS property to change the border of an element to Hex 314899 is called "border". The border property can be set on classes, ids or directly on the HTML element.

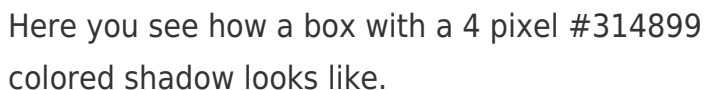
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#314899 }
```

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

```
.border{ border-color:#314899 }
```

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



Here you see how a box with a 4 pixel #314899 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314899; -webkit-box-shadow:4px 4px  
4px 4px #314899; box-shadow:4px 4px 4px  
4px #314899 }
```

Background

The CSS property to change the background color of an element to Hex 314899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314899 }
```

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

```
.background{ background-color:#314899 }
```

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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