

Converting Colors

Hex(4314B1)

Have a look what the booklet for
Hex(4314B1) contains.

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Color

Hex(4314B1)

Conversions

Conversions Part 1

Format	Color
Hex	4314B1
RGB	67, 20, 177
RGB Percent	26%, 8%, 69%
CMY	0.7373, 0.9216, 0.3059
CMYK	0.62, 0.89, 0.00, 0.31
HSL	258°, 80%, 39%
HSV	258°, 89%, 69%
XYZ	10.5007, 4.8679, 41.9811
YIQ	51.9510, -22.3850, 58.7910

Conversions

Conversions Part 2

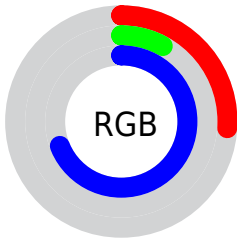
Format	Color
R_{YB}	67, 20, 177
Decimal	4396209
CIE _{Lab}	26.36, 57.35, -72.54
CIE _{LCh}	26, 92.474, 308.331
Yxy	4.8679, 0.1831, 0.0849
Android (android.graphics.Color)	4282586289 (0xFF4314B1)
YUV	51.9510, 61.6492, 13.1980
Hunter-Lab	22.0634, 46.3432, -97.3698

Details

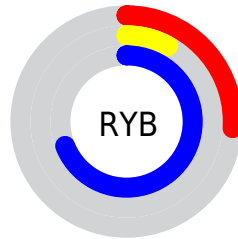
The Hex color **4314B1** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **82B114**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **814AEA**, and **00007B** is the 20% darker color. If you saturate the color by 10%, you get **3702B1**, and if you desaturate by 10%, it is **4F26B1**.

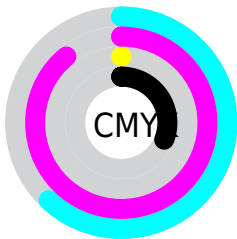
Distribution



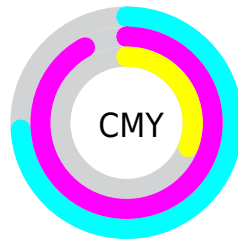
- Red (26%)
- Green (8%)
- Blue (69%)



- Red (26%)
- Yellow (8%)
- Blue (69%)



- Cyan (62%)
- Magenta (89%)
- Yellow (0%)
- Black (31%)



- Cyan (74%)
- Magenta (92%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4314B1 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 4314B1 by changing the saturation by 10% instead.



4314B1



4314B1

FFFFFF



1B0096



814AEA



00007B



9F64FF



000061



BD7FFF



000848



DB9AFF



000430



F9B5FF



00011B



FFD1FF



000000



FFEEFF



4314B1



4314B1

■ 3702B1

■ 4F26B1

■ 3500B1

■ 5C37B1

■ 6849B1

■ 755BB1

■ 816CB1

■ 8D7EB1

■ 9A90B1

■ A6A2B1

■ B3B3B1

Harmonies

Analogous

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



0046D0



4314B1



990074

Triad

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



4314B1



742200



005451

Complementary

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



4314B1



82B114

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.



005200



4314B1



3C4300

Square

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



4314B1



9C0000



004E00



005697

Rectangle

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



4314B1



AB0046



004E00



005439

Sweetspot

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



4314B1



BAA8E6



1485B1



594E73



F2F2F2



737373

Same Dimension

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



4314B1



4500E6



8F14B1



535059



2E0099



08001A

Inverse Universe

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



B11482



E600A1



36B114



595057



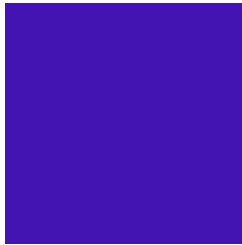
99006B



1A0012

Previews

White Background



This preview shows how the Hex color 4314B1 looks on a white background.

Color Contrast Check

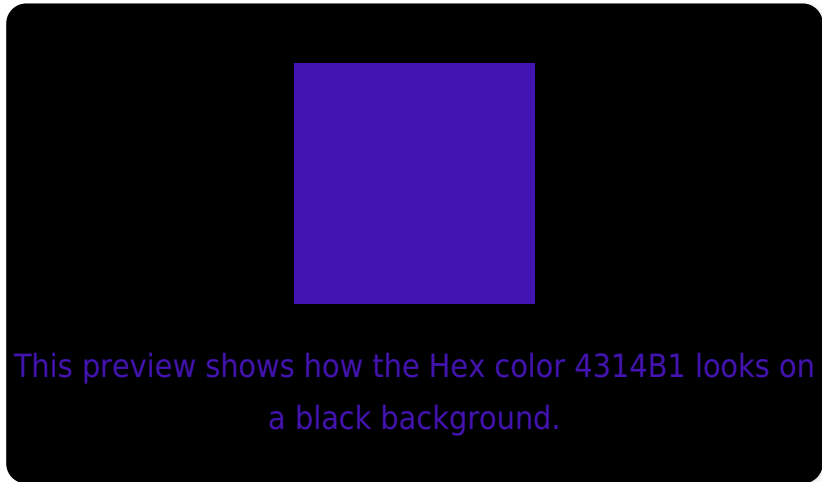
Large Text (above 18pt) WCAG AA ✓ Pass

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

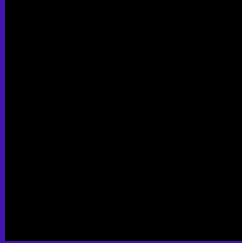
Any Text WCAG AA × Fail

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 4314B1 Background



This preview shows how black text looks on a background with the Hex color 4314B1.



This preview shows how white text looks on a background with the Hex color 4314B1.

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
4314B1

Protanopia
003D80

Deuteranopia
00416D



Tritanopia
00464C

Trichromacy



Original Color
4314B1

Protanomaly
182E92

Deuteranomaly
183186

Tritanomaly
183471

Monochromacy



Original Color
4314B1

Achromatopsia
343434

Achromatomaly
392861

CSS Examples

Text

The CSS property to change the color of the text to Hex 4314B1 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 #4314B1 looks like.

```
.text, #text, p{  
    color:#4314B1  
}
```

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 #4314B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4314B1
}
```

Border

The CSS property to change the border of an element to Hex 4314B1 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".

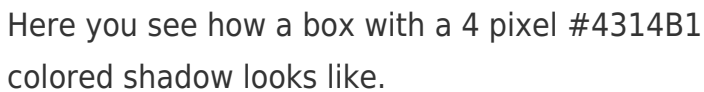
```
.border, #border, table{ border:4px solid
#4314B1 }
```

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

```
.border{ border-color:#4314B1 }
```

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

Here you see how a box with a 4 pixel #4314B1 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4314B1; -webkit-box-shadow:4px 4px  
4px 4px #4314B1; box-shadow:4px 4px 4px  
4px #4314B1 }
```

Background

The CSS property to change the background color of an element to Hex 4314B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4314B1 }
```

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

```
.background{ background-color:#4314B1 }
```

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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