

Converting Colors

Hex(4313AB)

Have a look what the booklet for
Hex(4313AB) contains.

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Color

Hex(4313AB)

Conversions

Conversions Part 1

Format	Color
Hex	4313AB
RGB	67, 19, 171
RGB Percent	26%, 7%, 67%
CMY	0.7373, 0.9255, 0.3294
CMYK	0.61, 0.89, 0.00, 0.33
HSL	259°, 80%, 37%
HSV	259°, 89%, 67%
XYZ	9.8983, 4.5993, 38.8941
YIQ	50.6800, -20.1840, 57.4480

Conversions

Conversions Part 2

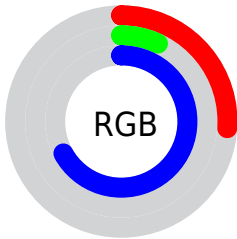
Format	Color
R _{YB}	67, 19, 171
Decimal	4395947
CIE Lab	25.56, 56.10, -70.25
CIE LCh	26, 89.899, 308.608
Yxy	4.5993, 0.1854, 0.0861
Android (android.graphics.Color)	4282586027 (0xFF4313AB)
YUV	50.6800, 59.3178, 14.3126
Hunter-Lab	21.4460, 44.8553, -92.5152

Details

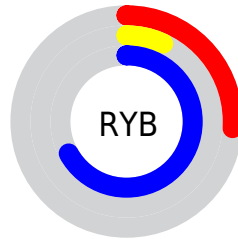
The Hex color **4313AB** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **7BAB13**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **8049E4**, and **000075** is the 20% darker color. If you saturate the color by 10%, you get **3702AB**, and if you desaturate by 10%, it is **4F24AB**.

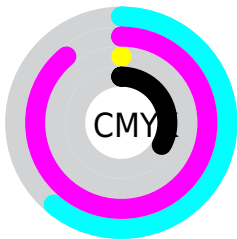
Distribution



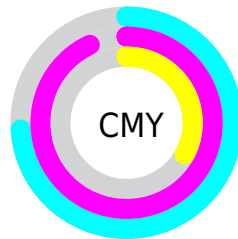
- Red (26%)
- Green (7%)
- Blue (67%)



- Red (26%)
- Yellow (7%)
- Blue (67%)



- Cyan (61%)
- Magenta (89%)
- Yellow (0%)
- Black (33%)



- Cyan (74%)
- Magenta (93%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4313AB 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 4313AB by changing the saturation by 10% instead.

■ 4313AB

■ 4313AB

FFFFFF

■ 1D0090

■ 8049E4

■ 000075

■ 9E63FF

■ 00005C

■ BB7DFF

■ 000743

■ D998FF

■ 00032C

■ F7B4FF

■ 000116

■ FFD0FF

■ 000000

■ FFEDFF

■ 4313AB

■ 4313AB

■ 3702AB

■ 4F24AB

■ 3600AB

■ 5A35AB

■ 6646AB

■ 7257AB

■ 7E68AB

■ 897AAB

■ 958BAB

■ A19CAB

■ ACADAB

Harmonies

Analogous

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



0044CA



4313AB



950070

Triad

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



4313AB



712200



005250

Complementary

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



4313AB



7BAB13

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.



005000



4313AB



394100

Square

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



4313AB



970000



004C00



005493

Rectangle

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



4313AB



A60043



004C00



005238

Sweetspot

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



4313AB



B5A2DE



137DAB



584C70



F0F0F0



707070

Same Dimension

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



4313AB



4600DE



8D13AB



514E57



300096



070017

Inverse Universe

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



AB137B



DE0098



31AB13



574E54



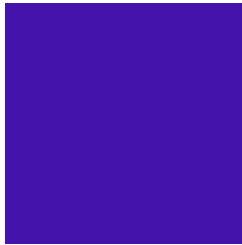
960067



170010

Previews

White Background



This preview shows how the Hex color 4313AB looks on a white background.

Color Contrast Check

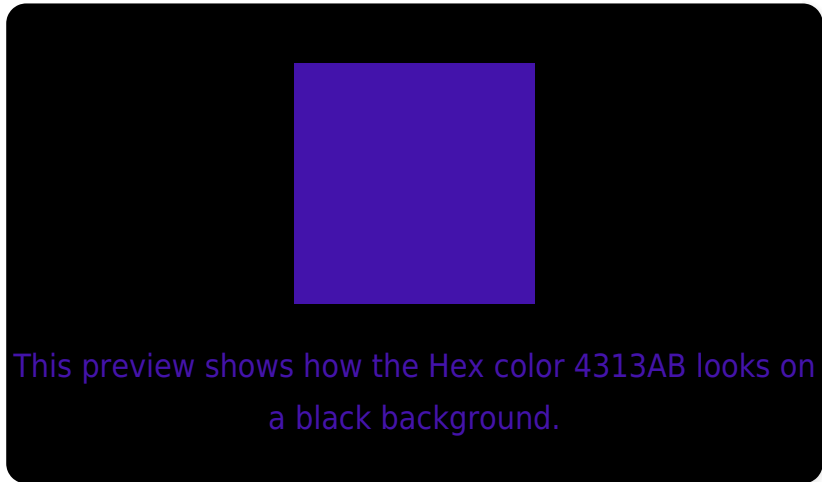
Large Text (above 18pt) WCAG AA ✓ Pass

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

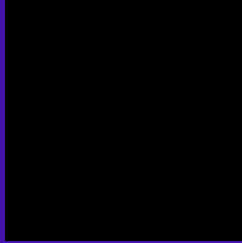
Any Text WCAG AA × Fail

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 4313AB Background



This preview shows how black text looks on a background with the Hex color 4313AB.



This preview shows how white text looks on a background with the Hex color 4313AB.

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](#).

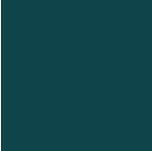
Dichromacy



Original Color
4313AB

Protanopia
003C7D

Deuteranopia
00406B



Tritanopia
0E444A

Trichromacy



Original Color
4313AB

Protanomaly
182D8E

Deuteranomaly
183082

Tritanomaly
21326D

Monochromacy



Original Color
4313AB

Achromatopsia
333333

Achromatomaly
39275F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4313AB 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 #4313AB looks like.

```
.text, #text, p{  
    color:#4313AB  
}
```

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 #4313AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4313AB }  
}
```

Border

The CSS property to change the border of an element to Hex 4313AB 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 #4313AB }  
}
```

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

```
.border{ border-color:#4313AB }
```

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

Here you see how a box with a 4 pixel #4313AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4313AB; -webkit-box-shadow:4px 4px  
4px 4px #4313AB; box-shadow:4px 4px 4px  
4px #4313AB }
```

Background

The CSS property to change the background color of an element to Hex 4313AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4313AB }
```

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

```
.background{ background-color:#4313AB }
```

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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