

Converting Colors

Hex(4313EC)

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

Hex(4313EC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4313EC)

Conversions

Conversions Part 1

Format	Color
Hex	4313EC
RGB	67, 19, 236
RGB Percent	26%, 7%, 93%
CMY	0.7373, 0.9255, 0.0745
CMYK	0.72, 0.92, 0.00, 0.07
HSL	253°, 85%, 50%
HSV	253°, 92%, 93%
XYZ	17.6879, 7.7152, 79.9138
YIQ	58.0900, -41.0490, 77.6630

Conversions

Conversions Part 2

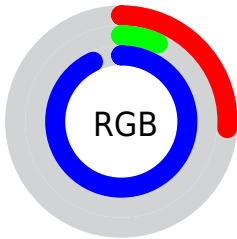
Format	Color
R _Y B	67, 19, 236
Decimal	4396012
CIE Lab	33.38, 72.61, -95.26
CIE LCh	33, 119.779, 307.314
Yxy	7.7152, 0.1679, 0.0733
Android (android.graphics.Color)	4282586092 (0xFF4313EC)
YUV	58.0900, 87.7096, 7.8141
Hunter-Lab	27.7762, 65.0608, -151.1376

Details

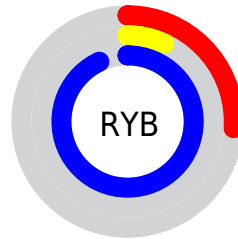
The Hex color **4313EC** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **BCEC13**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **8C4FFF**, and **0000B2** is the 20% darker color. If you saturate the color by 10%, you get **3400EC**, and if you desaturate by 10%, it is **552BEC**.

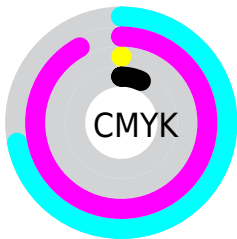
Distribution



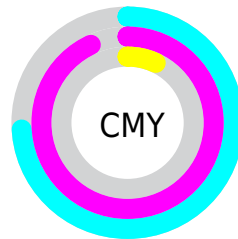
- Red (26%)
- Green (7%)
- Blue (93%)



- Red (26%)
- Yellow (7%)
- Blue (93%)



- Cyan (72%)
- Magenta (92%)
- Yellow (0%)
- Black (7%)



- Cyan (74%)
- Magenta (93%)
- Yellow (7%)

Brightness & Saturation Gradients

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

4313EC

4313EC

FFFFFF

0000CF

8C4FFF

0000B2

AD6BFF

000097

CD86FF

00007B

EDA2FF

000E61

FFBEFF

000848

FFDBFF

000431

FFF8FF

00011B

000000

■ 4313EC

■ 4313EC

■ 3400EC

■ 552BEC

■ 6842EC

■ 7A5AEC

■ 8D71EC

■ 9F89EC

■ B1A1EC

■ C4B8EC

■ D6D0EC

■ E8E7EC

Harmonies

Analogous

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



005BFF



4313EC



C5009A

Triad

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



4313EC



972300



006A65

Complementary

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



4313EC



BCEC13

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.



006800



4313EC



4C5400

Square

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



4313EC



CC0000



006300



006EC4

Rectangle

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



4313EC



DF005C



006300



006943

Sweetspot

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



4313EC



C7B8FF



13BDEC



5E5480



000000



808080

Same Dimension

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



4313EC



3800FF



AF13EC



6C6A75



2800B5



0C0036

Inverse Universe

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



EC13BC



FF00C7



50EC13



756A73



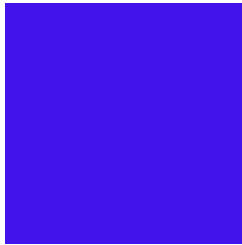
B5008D



36002A

Previews

White Background



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

Color Contrast Check

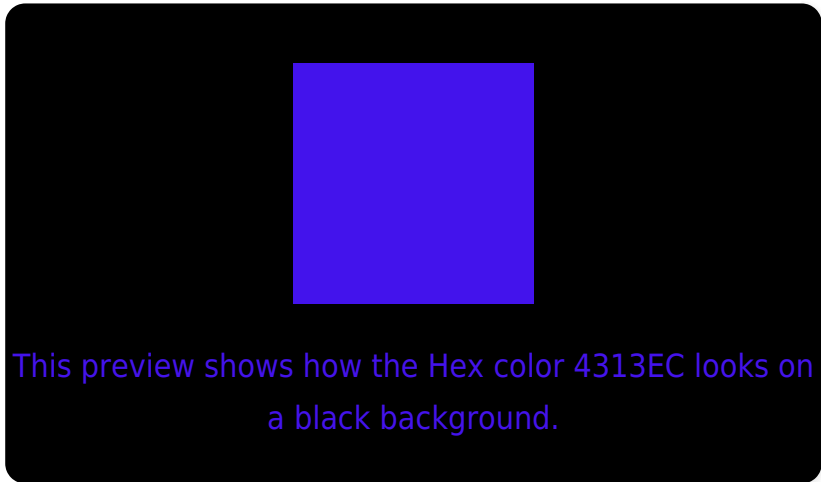
Large Text (above 18pt) WCAG AA ✓ Pass

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

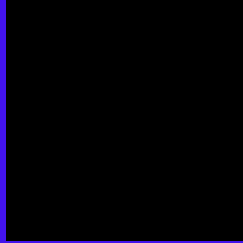
Any Text WCAG AA × Fail

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 4313EC Background



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



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

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
4313EC

Protanopia
004C9F

Deuteranopia
005187



Tritanopia
00575C

Trichromacy



Original Color
4313EC

Protanomaly
1837BB

Deuteranomaly
183AAC

Tritanomaly
183E90

Monochromacy



Original Color
4313EC

Achromatopsia
3A3A3A

Achromatomaly
3D2C7B

CSS Examples

Text

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

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

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 #4313EC colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 4313EC 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".

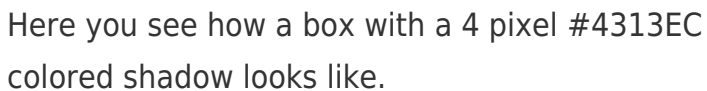
```
.border, #border, table{ border:4px solid
#4313EC }
```

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

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

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

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

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor