

Converting Colors

Hex(E313FF)

Have a look what the booklet for
Hex(E313FF) contains.

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Color

Hex(E313FF)

Conversions

Conversions Part 1

Format	Color
Hex	E313FF
RGB	227, 19, 255
RGB Percent	89%, 7%, 100%
CMY	0.1098, 0.9255, 0.0000
CMYK	0.11, 0.93, 0.00, 0.00
HSL	293°, 100%, 54%
HSV	293°, 93%, 100%
XYZ	49.9614, 24.0166, 96.6102
YIQ	108.0960, 48.2120, 117.4920

Conversions

Conversions Part 2

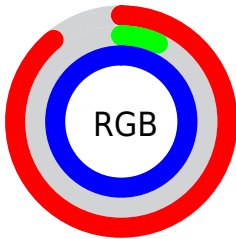
Format	Color
R _Y B	227, 19, 255
Decimal	14881791
CIE Lab	56.10, 92.73, -67.87
CIE LCh	56, 114.910, 323.800
Yxy	24.0166, 0.2929, 0.1408
Android (android.graphics.Color)	4293071871 (0xFFE313FF)
YUV	108.0960, 72.4237, 104.2788
Hunter-Lab	49.0068, 96.2153, -82.5774

Details

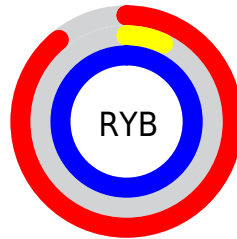
The Hex color **E313FF** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light washed magenta. A complement of this color would be **2FFF13**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF68FF**, and **A600C5** is the 20% darker color. If you saturate the color by 10%, you get **E100FF**, and if you desaturate by 10%, it is **E62DFF**.

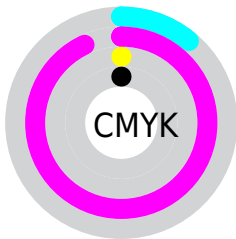
Distribution



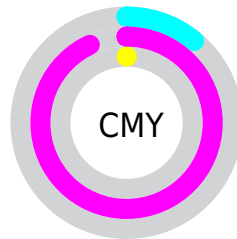
- Red (89%)
- Green (7%)
- Blue (100%)



- Red (89%)
- Yellow (7%)
- Blue (100%)



- Cyan (11%)
- Magenta (93%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (93%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color E313FF 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 E313FF by changing the saturation by 10% instead.

 E313FF

 E313FF

FFFFFF

 C400E2

 FF68FF

 A600C5

 FF88FF

 8800A9

 FFA7FF

 6A008E

 FFC6FF

 4C0073

 FFE4FF

 2E005A

 040041

 00032A

 000114

 E313FF

 E313FF

 E100FF

 E62DFF

 E946FF

 EC60FF

 EF79FF

 F293FF

 F5ACFF

 F8C6FF

 FBDFFF

 FEF9FF

Harmonies

Analogous

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



0077FF



E313FF



FF00A0

Triad

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



E313FF



B57C00



00ACD6

Complementary

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



E313FF



2FFF13

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.



00AA6E



E313FF



539800

Square

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



E313FF



FB4000



00A500



00AAFF

Rectangle

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



E313FF



FF005F



00A500



00ACB4

Sweetspot

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



E313FF



F7B8FF



1332FF



7A5480



000000



808080

Same Dimension

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



E313FF



E100FF



FF13A8



7E7380



A900BF



380040

Inverse Universe

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



FF132F



FF001E



13FF6A



807374



BF0017



400008

Previews

White Background



This preview shows how the Hex color E313FF looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E313FF Background



This preview shows how black text looks on a background with the Hex color E313FF.




This preview shows how white text looks on a background with the Hex color E313FF.

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



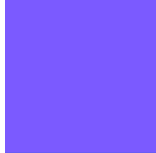


Tritanopia
D1656C

Trichromacy



Original Color
E313FF



Protanomaly
7B5AFF



Deuteranomaly
695EF5



Tritanomaly
D847A1

Monochromacy



Original Color
E313FF



Achromatopsia
6C6C6C



Achromatomaly
974CA1

CSS Examples

Text

The CSS property to change the color of the text to Hex E313FF 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 #E313FF looks like.

```
.text, #text, p{  
    color:#E313FF  
}
```

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 #E313FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E313FF
}
```

Border

The CSS property to change the border of an element to Hex E313FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

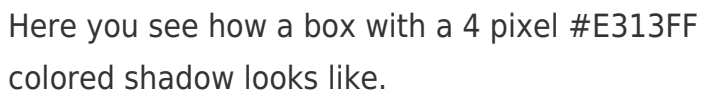
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E313FF }
```

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

```
.border{ border-color:#E313FF }
```

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



Here you see how a box with a 4 pixel #E313FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E313FF; -webkit-box-shadow:4px 4px  
4px 4px #E313FF; box-shadow:4px 4px 4px  
4px #E313FF }
```

Background

The CSS property to change the background color of an element to Hex E313FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E313FF }
```

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

```
.background{ background-color:#E313FF }
```

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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