

Converting Colors

Hex(1313ED)

Have a look what the booklet for
Hex(1313ED) contains.

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Color

Hex(1313ED)

Conversions

Conversions Part 1

Format	Color
Hex	1313ED
RGB	19, 19, 237
RGB Percent	7%, 7%, 93%
CMY	0.9255, 0.9255, 0.0706
CMYK	0.92, 0.92, 0.00, 0.07
HSL	240°, 86%, 50%
HSV	240°, 92%, 93%
XYZ	15.7875, 6.7186, 80.5855
YIQ	43.8520, -69.9780, 67.7980

Conversions

Conversions Part 2

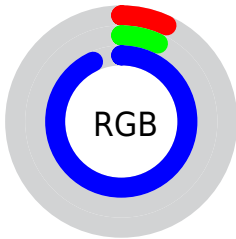
Format	Color
RYB	19, 19, 237
Decimal	1250285
CIELab	31.16, 71.58, -99.60
CIELCh	31, 122.659, 305.704
Yxy	6.7186, 0.1531, 0.0652
Android (android.graphics.Color)	4279440365 (0xFF1313ED)
YUV	43.8520, 95.2220, -21.7952
Hunter-Lab	25.9203, 63.3600, -166.1868

Details

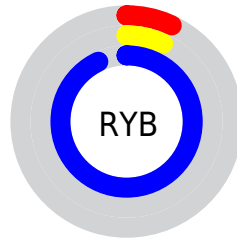
The Hex color **1313ED** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **EDED13**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **774DFF**, and **0000B3** is the 20% darker color. If you saturate the color by 10%, you get **0000ED**, and if you desaturate by 10%, it is **2B2BED**.

Distribution



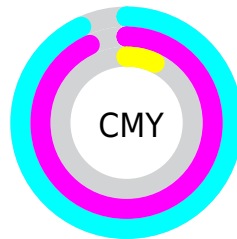
- Red (7%)
- Green (7%)
- Blue (93%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 1313ED 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 1313ED by changing the saturation by 10% instead.

 1313ED

 1313ED

FFFFFF

 0000D0

 774DFF

 0000B3

 9967FF

 000097

 BA82FF

 00007C

 DB9EFF

 000F62

 FBBAFF

 000949

 FFD6FF

 000432

 FFF4FF

 00011C

 000000

■ 1313ED

■ 1313ED

■ 0000ED

■ 2B2BED

■ 4242ED

■ 5A5AED

■ 7272ED

■ 8989ED

■ A1A1ED

■ B9B9ED

■ D1D1ED

■ E8E8ED

Harmonies

Analogous

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



0059FF



1313ED



BE009B

Triad

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



1313ED



951100



00645B

Complementary

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



1313ED



EDED13

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.



006100



1313ED



4A4D00

Square

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



1313ED



C90000



005D00



0068BC

Rectangle

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



1313ED



D9005C



005D00



006339

Sweetspot

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



1313ED



B8B8FF



13EDED



545480



000000



808080

Same Dimension

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



1313ED



0000FF



8013ED



6A6A75



0000B5



000036

Inverse Universe

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



ED13ED



FF00FF



80ED13



756A75



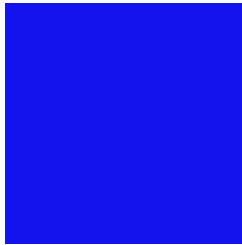
B500B5



360036

Previews

White Background



This preview shows how the Hex color 1313ED looks on a white background.

Color Contrast Check

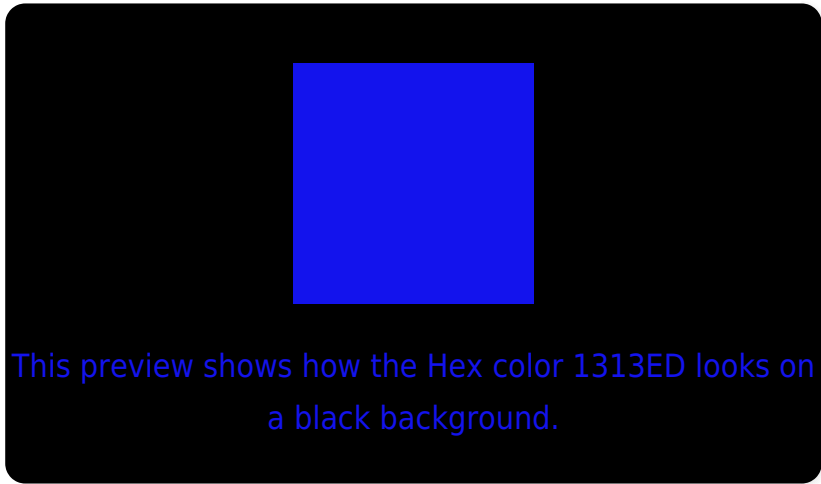
Large Text (above 18pt) WCAG AA ✓ Pass

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 1313ED Background



This preview shows how black text looks on a background with the Hex color 1313ED.



This preview shows how white text looks on a background with the Hex color 1313ED.

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
1313ED

Protanopia
004794

Deuteranopia
004C7E

Trichromacy



Original Color
1313ED

Protanomaly
0734B4

Deuteranomaly
0737A6

Monochromacy



Original Color
1313ED

Achromatopsia
2C2C2C

Achromatomaly
232372

CSS Examples

Text

The CSS property to change the color of the text to Hex 1313ED 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 #1313ED looks like.

```
.text, #text, p{  
    color:#1313ED  
}
```

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 #1313ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1313ED
}
```

Border

The CSS property to change the border of an element to Hex 1313ED 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
#1313ED }
```

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

```
.border{ border-color:#1313ED }
```

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

Here you see how a box with a 4 pixel #1313ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1313ED; -webkit-box-shadow:4px 4px  
4px 4px #1313ED; box-shadow:4px 4px 4px  
4px #1313ED }
```

Background

The CSS property to change the background color of an element to Hex 1313ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1313ED }
```

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

```
.background{ background-color:#1313ED }
```

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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