

Converting Colors

Hex(2319ED)

Have a look what the booklet for
Hex(2319ED) contains.

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Color

Hex(2319ED)

Conversions

Conversions Part 1

Format	Color
Hex	2319ED
RGB	35, 25, 237
RGB Percent	14%, 10%, 93%
CMY	0.8627, 0.9020, 0.0706
CMYK	0.85, 0.89, 0.00, 0.07
HSL	243°, 85%, 51%
HSV	243°, 89%, 93%
XYZ	16.3268, 7.1670, 80.6436
YIQ	52.1580, -62.0920, 68.0520

Conversions

Conversions Part 2

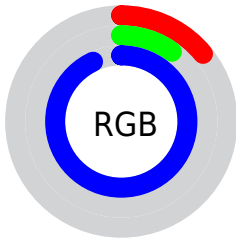
Format	Color
R _Y B	35, 25, 237
Decimal	2300397
CIE Lab	32.18, 70.25, -97.88
CIE LCh	32, 120.481, 305.670
Yxy	7.1670, 0.1568, 0.0688
Android (android.graphics.Color)	4280490477 (0xFF2319ED)
YUV	52.1580, 91.1271, -15.0476
Hunter-Lab	26.7713, 62.0109, -159.8605

Details

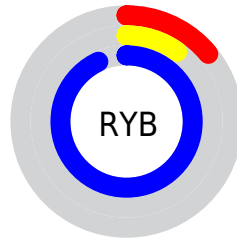
The Hex color **2319ED** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **E3ED19**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **7B51FF**, and **0000B3** is the 20% darker color. If you saturate the color by 10%, you get **0C01ED**, and if you desaturate by 10%, it is **3A31ED**.

Distribution



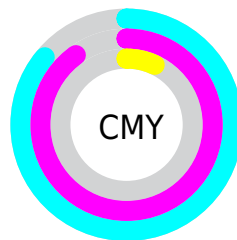
- Red (14%)
- Green (10%)
- Blue (93%)



- Red (14%)
- Yellow (10%)
- Blue (93%)



- Cyan (85%)
- Magenta (89%)
- Yellow (0%)
- Black (7%)



- Cyan (86%)
- Magenta (90%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2319ED 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 2319ED by changing the saturation by 10% instead.

■ 2319ED

■ 2319ED

FFFFFF

■ 0000D0

■ 7B51FF

■ 0000B3

■ 9D6BFF

■ 000097

■ BE86FF

■ 00007C

■ DFA2FF

■ 000F62

■ FFBEFF

■ 000949

■ FFDAFF

■ 000432

■ FFF8FF

■ 00011C

■ 000000

■ 2319ED

■ 2319ED

■ 0C01ED

■ 3A31ED

■ 0B00ED

■ 5048ED

■ 6760ED

■ 7D78ED

■ 948FED

■ AAA7ED

■ C1BFED

■ D8D7ED

■ EEEEEED

Harmonies

Analogous

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



005BFF



2319ED



BF009D

Triad

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



2319ED



971800



00675D

Complementary

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



2319ED



E3ED19

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.



006400



2319ED



4D4F00

Square

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



2319ED



CA0000



005F00



006ABC

Rectangle

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



2319ED



DB005E



005F00



00663B

Sweetspot

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



2319ED



BDBAFF



19E6ED



595780



000000



808080

Same Dimension

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



2319ED



0C00FF



8A19ED



6A6A75



0900B5



030036

Inverse Universe

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



ED19E3



FF00F3



7CED19



756A75



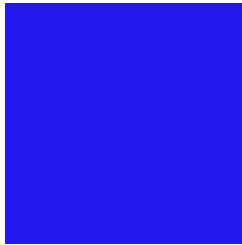
B500AD



360033

Previews

White Background



This preview shows how the Hex color 2319ED looks on a white background.

Color Contrast Check

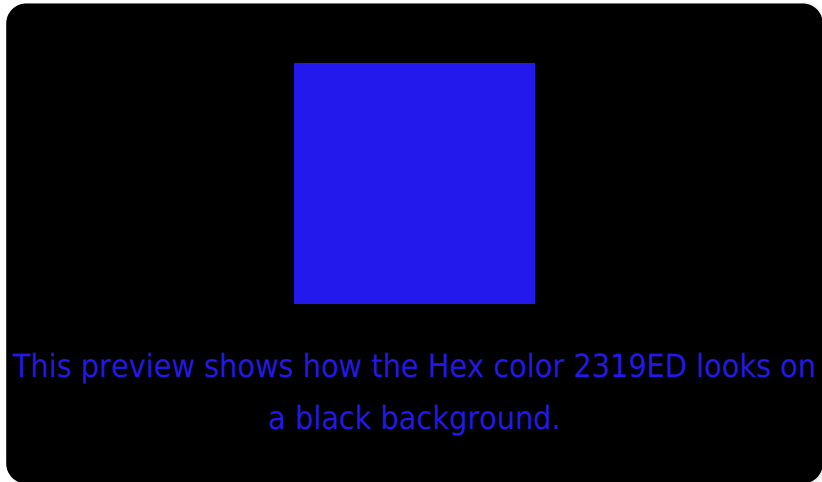
Large Text (above 18pt) WCAG AA ✓ Pass

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

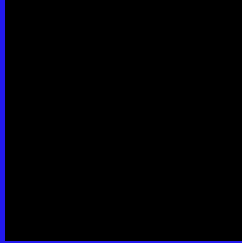
Any Text WCAG AA × Fail

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 2319ED Background



This preview shows how black text looks on a background with the Hex color 2319ED.



This preview shows how white text looks on a background with the Hex color 2319ED.

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
2319ED

Protanopia
004999

Deuteranopia
004E81

Trichromacy



Original Color
2319ED

Protanomaly
0D38B8

Deuteranomaly
0D3BA8

Tritanomaly
0D3F8E

Monochromacy



Original Color
2319ED

Achromatopsia
343434

Achromatomaly
2E2A77

CSS Examples

Text

The CSS property to change the color of the text to Hex 2319ED 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 #2319ED looks like.

```
.text, #text, p{  
    color:#2319ED  
}
```

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 #2319ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2319ED
}
```

Border

The CSS property to change the border of an element to Hex 2319ED 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
#2319ED }
```

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

```
.border{ border-color:#2319ED }
```

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

Here you see how a box with a 4 pixel #2319ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2319ED; -webkit-box-shadow:4px 4px  
4px 4px #2319ED; box-shadow:4px 4px 4px  
4px #2319ED }
```

Background

The CSS property to change the background color of an element to Hex 2319ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2319ED }
```

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

```
.background{ background-color:#2319ED }
```

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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