

Converting Colors

Hex(1319EB)

Have a look what the booklet for
Hex(1319EB) contains.

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Color

Hex(1319EB)

Conversions

Conversions Part 1

Format	Color
Hex	1319EB
RGB	19, 25, 235
RGB Percent	7%, 10%, 92%
CMY	0.9255, 0.9020, 0.0784
CMYK	0.92, 0.89, 0.00, 0.08
HSL	238°, 85%, 50%
HSV	238°, 92%, 92%
XYZ	15.6116, 6.8319, 79.0931
YIQ	47.1460, -70.9860, 64.0380

Conversions

Conversions Part 2

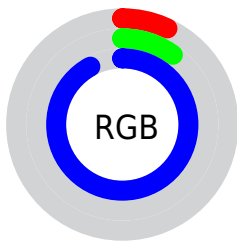
Format	Color
R _Y B	19, 25, 235
Decimal	1251819
CIE Lab	31.42, 69.42, -98.03
CIE LCh	31, 120.120, 305.307
Yxy	6.8319, 0.1538, 0.0673
Android (android.graphics.Color)	4279441899 (0xFF1319EB)
YUV	47.1460, 92.6120, -24.6840
Hunter-Lab	26.1378, 60.8731, -161.1151

Details

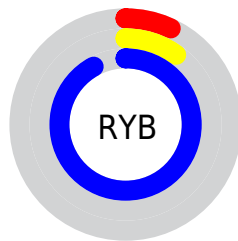
The Hex color **1319EB** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **EBE513**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **7650FF**, and **0000B1** is the 20% darker color. If you saturate the color by 10%, you get **0007EB**, and if you desaturate by 10%, it is **2A30EB**.

Distribution



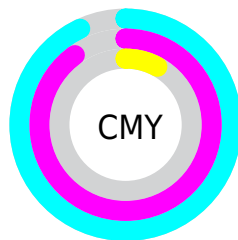
- Red (7%)
- Green (10%)
- Blue (92%)



- Red (7%)
- Yellow (10%)
- Blue (92%)



- Cyan (92%)
- Magenta (89%)
- Yellow (0%)
- Black (8%)



- Cyan (93%)
- Magenta (90%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1319EB 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 1319EB by changing the saturation by 10% instead.

■ 1319EB

■ 1319EB

FFFFFF

■ 0000CE

■ 7650FF

■ 0000B1

■ 986AFF

■ 000096

■ B985FF

■ 00007A

■ DAA1FF

■ 000F60

■ FABDFF

■ 000848

■ FFD9FF

■ 000430

■ FFF6FF

■ 00011A

■ 000000

■ 1319EB

■ 1319EB

■ 0007EB

■ 2A30EB

■ 4247EB

■ 595EEB

■ 7174EB

■ 898BEB

■ A0A2EB

■ B7B9EB

■ CFD0EB

■ E7E7EB

Harmonies

Analogous

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



0059FF



1319EB



BB009B

Triad

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



1319EB



951300



00655A

Complementary

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



1319EB



EBE513

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.



006200



1319EB



4C4D00

Square

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



1319EB



C80000



005D00



0068B9

Rectangle

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



1319EB



D7005E



005D00



006438

Sweetspot

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



1319EB



B8BAFF



13EBE4



545580



000000



808080

Same Dimension

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



1319EB



0007FF



7813EB



6A6A75



0005B5



000136

Inverse Universe

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



EB1319



FF0007



86EB13



756A6A



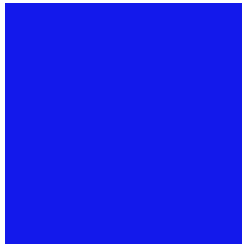
B50005



360001

Previews

White Background



This preview shows how the Hex color 1319EB looks on a white background.

Color Contrast Check

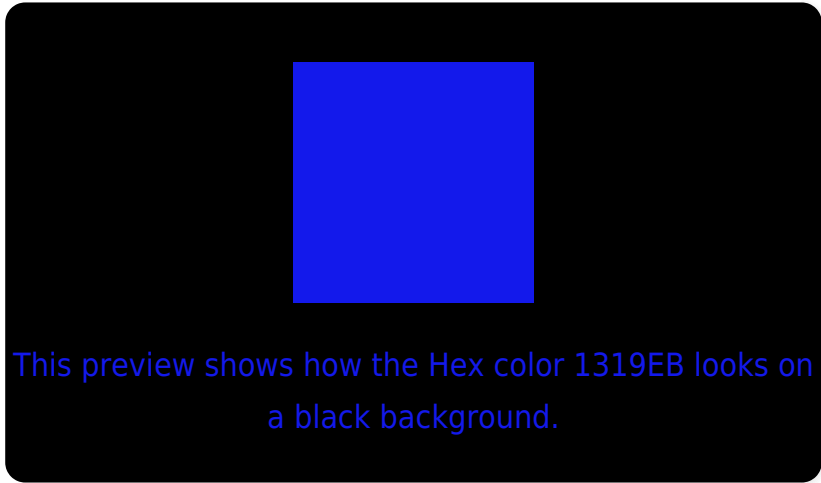
Large Text (above 18pt) WCAG AA ✓ Pass

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

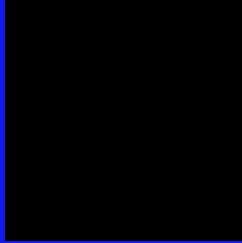
Any Text WCAG AA × Fail

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 1319EB Background



This preview shows how black text looks on a background with the Hex color 1319EB.



This preview shows how white text looks on a background with the Hex color 1319EB.

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



Trichromacy



Original Color
1319EB

Protanomaly
0736B4

Tritanomaly
073D8C

Monochromacy



Original Color
1319EB

Achromatopsia
2F2F2F

Achromatomaly
252773

CSS Examples

Text

The CSS property to change the color of the text to Hex 1319EB 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 #1319EB looks like.

```
.text, #text, p{  
    color:#1319EB  
}
```

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 #1319EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1319EB
}
```

Border

The CSS property to change the border of an element to Hex 1319EB 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
#1319EB }
```

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

```
.border{ border-color:#1319EB }
```

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

Here you see how a box with a 4 pixel #1319EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1319EB; -webkit-box-shadow:4px 4px  
4px 4px #1319EB; box-shadow:4px 4px 4px  
4px #1319EB }
```

Background

The CSS property to change the background color of an element to Hex 1319EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1319EB }
```

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

```
.background{ background-color:#1319EB }
```

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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