

Converting Colors

Hex(1433EB)

Have a look what the booklet for
Hex(1433EB) contains.

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Color

Hex(1433EB)

Conversions

Conversions Part 1

Format	Color
Hex	1433EB
RGB	20, 51, 235
RGB Percent	8%, 20%, 92%
CMY	0.9216, 0.8000, 0.0784
CMYK	0.91, 0.78, 0.00, 0.08
HSL	231°, 84%, 50%
HSV	231°, 91%, 92%
XYZ	16.4677, 8.5145, 79.3728
YIQ	62.7070, -77.5400, 50.6520

Conversions

Conversions Part 2

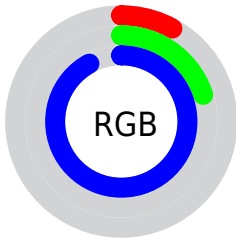
Format	Color
R _Y B	20, 47, 235
Decimal	1324011
CIE Lab	35.03, 58.77, -92.01
CIE LCh	35, 109.181, 302.570
Yxy	8.5145, 0.1578, 0.0816
Android (android.graphics.Color)	4279514091 (0xFF1433EB)
YUV	62.7070, 84.9404, -37.4540
Hunter-Lab	29.1797, 49.6731, -140.8513

Details

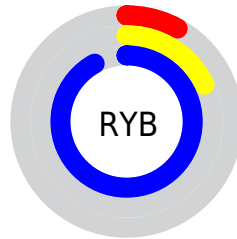
The Hex color **1433EB** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **EBCC14**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **7464FF**, and **0002B1** is the 20% darker color. If you saturate the color by 10%, you get **0022EB**, and if you desaturate by 10%, it is **2C47EB**.

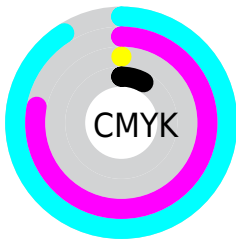
Distribution



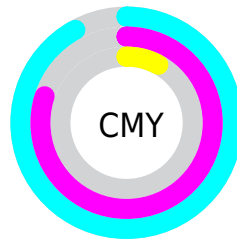
- Red (8%)
- Green (20%)
- Blue (92%)



- Red (8%)
- Yellow (18%)
- Blue (92%)



- Cyan (91%)
- Magenta (78%)
- Yellow (0%)
- Black (8%)



- Cyan (92%)
- Magenta (80%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1433EB 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 1433EB by changing the saturation by 10% instead.

 1433EB

 1433EB

FFFFFF


 001BCE

 7464FF

 0002B1

 967EFF

 000096

 B799FF

 00007B

 D7B4FF

 000F61

 F7D0FF

 000848

 FFEDFF

 000430

 00011B

 000000

■ 1433EB

■ 1433EB

■ 0022EB

■ 2C47EB

■ 435BEB

■ 5B6FEB

■ 7283EB

■ 8A98EB

■ A1ACEB

■ B9C0EB

■ D0D4EB

■ E8E8EB

Harmonies

Analogous

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



0061FF



1433EB



B700A5

Triad

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



1433EB



A12000



006D58

Complementary

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



1433EB



EBCC14

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.



006B00



1433EB



5F5300

Square

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



1433EB



CE0000



006500



0070B1

Rectangle

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



1433EB



D5006C



006500



006D39

Sweetspot

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



1433EB



BAC4FF



14EBCB



575D80



000000



808080

Same Dimension

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



1433EB



0025FF



5F14EB



6A6B75



001AB5



000836

Inverse Universe

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



EB1433



FF0025



A0EB14



756A6B



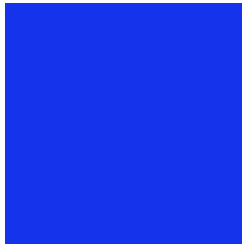
B5001A



360008

Previews

White Background



This preview shows how the Hex color 1433EB looks on a white background.

Color Contrast Check

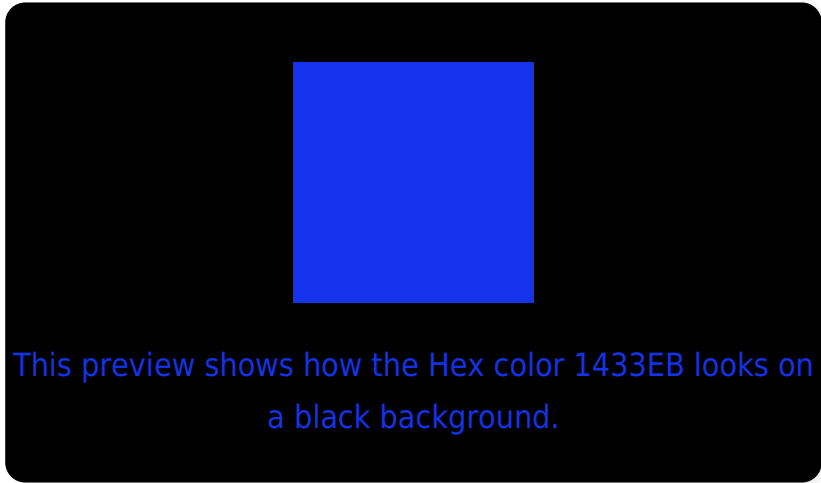
Large Text (above 18pt) WCAG AA ✓ Pass

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

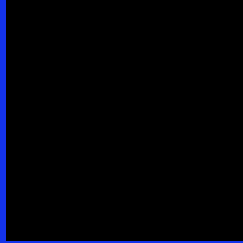
Any Text WCAG AA × Fail

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 1433EB Background



This preview shows how black text looks on a background with the Hex color 1433EB.

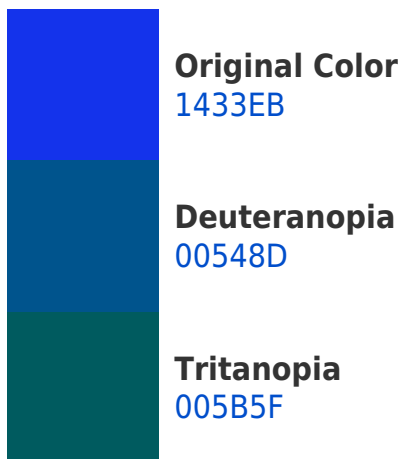


This preview shows how white text looks on a background with the Hex color 1433EB.

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
1433EB

Deuteranomaly
0748AF

Tritanomaly
074C92

Monochromacy



Original Color
1433EB

Achromatopsia
3F3F3F

Achromatomaly
2F3B7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1433EB 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 #1433EB looks like.

```
.text, #text, p{  
    color:#1433EB  
}
```

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 #1433EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1433EB
}
```

Border

The CSS property to change the border of an element to Hex 1433EB 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
#1433EB }
```

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

```
.border{ border-color:#1433EB }
```

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

Here you see how a box with a 4 pixel #1433EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1433EB; -webkit-box-shadow:4px 4px  
4px 4px #1433EB; box-shadow:4px 4px 4px  
4px #1433EB }
```

Background

The CSS property to change the background color of an element to Hex 1433EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1433EB }
```

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

```
.background{ background-color:#1433EB }
```

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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