

Converting Colors

Hex(133EE2)

Have a look what the booklet for
Hex(133EE2) contains.

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Color

Hex(133EE2)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 133EE2 |
| RGB | 19, 62, 226 |
| RGB Percent | 7%, 24%, 89% |
| CMY | 0.9255, 0.7569, 0.1137 |
| CMYK | 0.92, 0.73, 0.00, 0.11 |
| HSL | 228°, 84%, 48% |
| HSV | 228°, 92%, 89% |
| XYZ | 15.7187, 9.0747, 72.8746 |
| YIQ | 67.8390, -78.2720, 41.8880 |

Conversions

Conversions Part 2

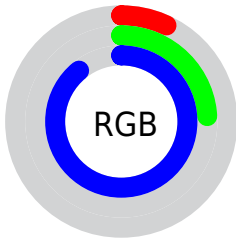
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 19, 55, 226 |
| Decimal | 1261282 |
| CIE Lab | 36.13, 49.76, -85.07 |
| CIE LCh | 36, 98.555, 300.325 |
| Yxy | 9.0747, 0.1609, 0.0929 |
| Android (android.graphics.Color) | 4279451362 (0xFF133EE2) |
| YUV | 67.8390, 77.9734, -42.8318 |
| Hunter-Lab | 30.1242, 40.4229, -122.3437 |

Details

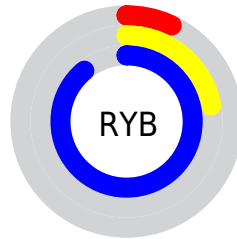
The Hex color **133EE2** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **E2B713**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **706EFF**, and **0013A9** is the 20% darker color. If you saturate the color by 10%, you get **002FE2**, and if you desaturate by 10%, it is **2A50E2**.

Distribution



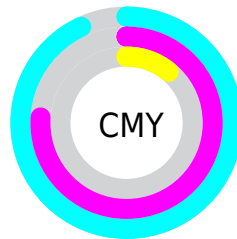
- Red (7%)
- Green (24%)
- Blue (89%)



- Red (7%)
- Yellow (22%)
- Blue (89%)



- Cyan (92%)
- Magenta (73%)
- Yellow (0%)
- Black (11%)



- Cyan (93%)
- Magenta (76%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 133EE2 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 133EE2 by changing the saturation by 10% instead.

■ 133EE2

■ 133EE2

FFFFFF

■ 0028C5

■ 706EFF

■ 0013A9

■ 9288FF

■ 00038E

■ B2A3FF

■ 000073

■ D1BEFF

■ 000D59

■ F1DAFF

■ 000741

■ FFF6FF

■ 00032A

■ 000114

■ 000000

■ 133EE2

■ 133EE2

■ 002FE2

■ 2A50E2

■ 4062E2

■ 5774E2

■ 6D86E2

■ 8498E2

■ 9BA9E2

■ B1BBE2

■ C8CDE2

■ DEDFE2

Harmonies

Analogous

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



0063F9



133EE2



AD00A5

Triad

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



133EE2



A32600



006F54

Complementary

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



133EE2



E2B713

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.



006C00



133EE2



685300

Square

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



133EE2



CA000B



006500



0071A5

Rectangle

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



133EE2



CB0072



006500



006E38

Sweetspot

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



133EE2



BAC8FF



13E2B5



575F80



000000



808080

Same Dimension

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



133EE2



0035FF



4E13E2



656770



0025B0



000A30

Inverse Universe

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



E2133E



FF0035



A7E213



706567



B00025



30000A

Previews

White Background



This preview shows how the Hex color 133EE2 looks on a white background.

Color Contrast Check

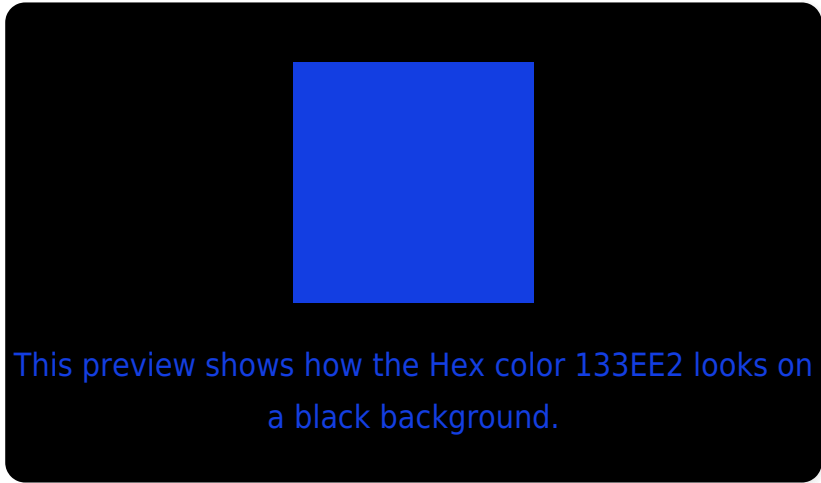
Large Text (above 18pt) WCAG AA ✓ Pass

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

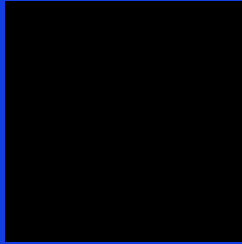
Any Text WCAG AA × Fail

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 133EE2 Background



This preview shows how black text looks on a background with the Hex color 133EE2.



This preview shows how white text looks on a background with the Hex color 133EE2.

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
005E63

Trichromacy



Original Color
133EE2

Protanomaly
074ABF

Deuteranomaly
074EAF

Tritanomaly
075291

Monochromacy



Original Color
133EE2

Achromatopsia
444444

Achromatomaly
32427D

CSS Examples

Text

The CSS property to change the color of the text to Hex 133EE2 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 #133EE2 looks like.

```
.text, #text, p{  
    color:#133EE2  
}
```

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 #133EE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #133EE2
}
```

Border

The CSS property to change the border of an element to Hex 133EE2 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
#133EE2 }
```

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

```
.border{ border-color:#133EE2 }
```

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

Here you see how a box with a 4 pixel #133EE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #133EE2; -webkit-box-shadow:4px 4px  
4px 4px #133EE2; box-shadow:4px 4px 4px  
4px #133EE2 }
```

Background

The CSS property to change the background color of an element to Hex 133EE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#133EE2 }
```

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

```
.background{ background-color:#133EE2 }
```

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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