

Converting Colors

Hex(124EEE)

Have a look what the booklet for
Hex(124EEE) contains.

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Color

Hex(124EEE)

Conversions

Conversions Part 1

Format	Color
Hex	124EEE
RGB	18, 78, 238
RGB Percent	7%, 31%, 93%
CMY	0.9294, 0.6941, 0.0667
CMYK	0.92, 0.67, 0.00, 0.07
HSL	224°, 87%, 50%
HSV	224°, 92%, 93%
XYZ	18.4065, 11.7504, 82.1869
YIQ	78.3000, -87.1200, 37.0400

Conversions

Conversions Part 2

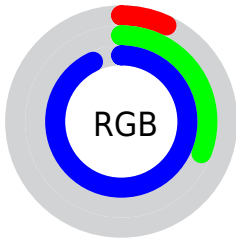
Format	Color
R _Y B	18, 65, 238
Decimal	1199854
CIE Lab	40.82, 44.38, -84.14
CIE LCh	41, 95.126, 297.808
Yxy	11.7504, 0.1638, 0.1046
Android (android.graphics.Color)	4279389934 (0xFF124EEE)
YUV	78.3000, 78.7321, -52.8831
Hunter-Lab	34.2789, 35.8596, -118.1581

Details

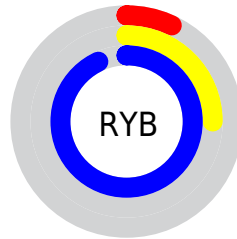
The Hex color **124EEE** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **EEB212**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **727FFF**, and **0023B5** is the 20% darker color. If you saturate the color by 10%, you get **0041EE**, and if you desaturate by 10%, it is **2A5FEE**.

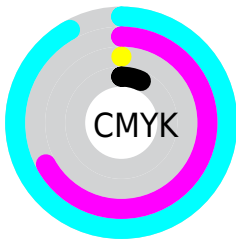
Distribution



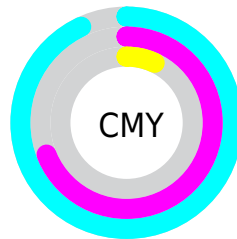
- Red (7%)
- Green (31%)
- Blue (93%)



- Red (7%)
- Yellow (25%)
- Blue (93%)



- Cyan (92%)
- Magenta (67%)
- Yellow (0%)
- Black (7%)



- Cyan (93%)
- Magenta (69%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 124EEE 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 124EEE by changing the saturation by 10% instead.

 124EEE

 124EEE

FFFFFF

 0037D1

 727FFF

 0023B5

 9499FF

 001199

 B4B4FF

 00007E

 D4CFFF

 000C64

 F4ECFF

 00094B

 000433

 00021D

 000000

■ 124EEE

■ 124EEE

■ 0041EE

■ 2A5FEE

■ 4271EE

■ 5982EE

■ 7193EE

■ 89A5EE

■ A1B6EE

■ B9C7EE

■ D0D8EE

■ E8EAEE

Harmonies

Analogous

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



006FFF



124EEE



B200B5

Triad

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



124EEE



B43100



007C58

Complementary

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



124EEE



EEB212

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.



007800



124EEE



7B5C00

Square

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



124EEE



D8001E



247000



007DA8

Rectangle

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



124EEE



D40084



247000



007B3C

Sweetspot

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



124EEE



B8CBFF



12EEB0



546080



000000



808080

Same Dimension

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



124EEE



0046FF



4212EE



6C6F78



0032B8



000F38

Inverse Universe

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



EE124E



FF0046



BEEE12



786C6F



B80032



38000F

Previews

White Background



This preview shows how the Hex color 124EEE looks on a white background.

Color Contrast Check

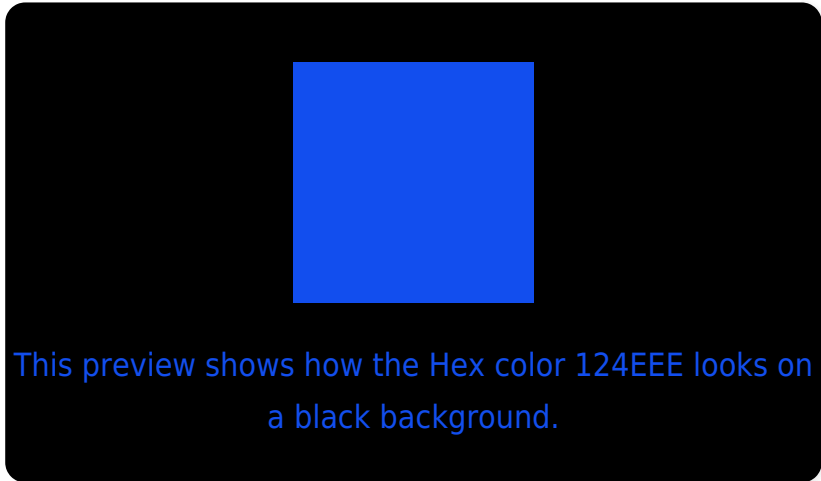
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

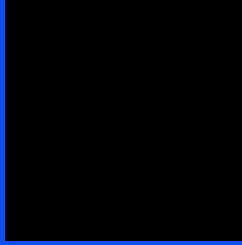
Any Text WCAG AA × Fail

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 124EEE Background



This preview shows how black text looks on a background with the Hex color 124EEE.



This preview shows how white text looks on a background with the Hex color 124EEE.

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
124EEE

Protanopia
005CC2

Deuteranopia
0062A6



Tritanopia
006A70

Trichromacy



Original Color
124EEE

Protanomaly
0757D2

Deuteranomaly
075BC0

Tritanomaly
07609E

Monochromacy



Original Color
124EEE

Achromatopsia
4E4E4E

Achromatomaly
384E88

CSS Examples

Text

The CSS property to change the color of the text to Hex 124EEE 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 #124EEE looks like.

```
.text, #text, p{  
    color:#124EEE  
}
```

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 #124EEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #124EEE
}
```

Border

The CSS property to change the border of an element to Hex 124EEE 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
#124EEE }
```

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

```
.border{ border-color:#124EEE }
```

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

Here you see how a box with a 4 pixel #124EEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #124EEE; -webkit-box-shadow:4px 4px  
4px 4px #124EEE; box-shadow:4px 4px 4px  
4px #124EEE }
```

Background

The CSS property to change the background color of an element to Hex 124EEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#124EEE }
```

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

```
.background{ background-color:#124EEE }
```

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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