

Converting Colors

Hex(1E4BE7)

Have a look what the booklet for
Hex(1E4BE7) contains.

Hex(1E4BE7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1E4BE7)

Conversions

Conversions Part 1

Format	Color
Hex	1E4BE7
RGB	30, 75, 231
RGB Percent	12%, 29%, 91%
CMY	0.8824, 0.7059, 0.0941
CMYK	0.87, 0.68, 0.00, 0.09
HSL	227°, 81%, 51%
HSV	227°, 87%, 91%
XYZ	17.4753, 11.0777, 76.8185
YIQ	79.3290, -76.8960, 38.9760

Conversions

Conversions Part 2

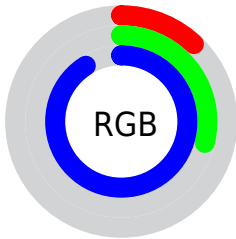
Format	Color
R _Y B	30, 67, 231
Decimal	1985511
CIE Lab	39.71, 44.18, -81.99
CIE LCh	40, 93.138, 298.317
Yxy	11.0777, 0.1658, 0.1051
Android (android.graphics.Color)	4280175591 (0xFF1E4BE7)
YUV	79.3290, 74.7738, -43.2615
Hunter-Lab	33.2832, 35.4757, -113.5447

Details

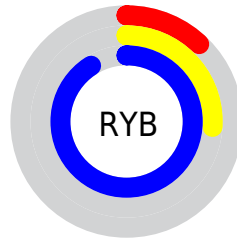
The Hex color **1E4BE7** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **E7BA1E**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **747CFF**, and **0020AE** is the 20% darker color. If you saturate the color by 10%, you get **0739E7**, and if you desaturate by 10%, it is **355DE7**.

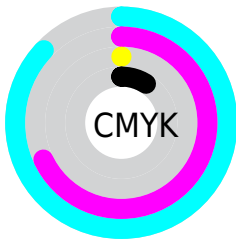
Distribution



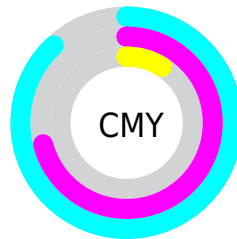
- Red (12%)
- Green (29%)
- Blue (91%)



- Red (12%)
- Yellow (26%)
- Blue (91%)



- Cyan (87%)
- Magenta (68%)
- Yellow (0%)
- Black (9%)



- Cyan (88%)
- Magenta (71%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E4BE7 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 1E4BE7 by changing the saturation by 10% instead.

 1E4BE7

 1E4BE7

FFFFFF

 0034CA

 747CFF

 0020AE

 9596FF

 000E92

 B5B0FF

 000078

 D4CCFF

 000E5E

 F4E8FF

 000845

 00042E

 000118

 000000

■ 1E4BE7

■ 1E4BE7

■ 0739E7

■ 355DE7

■ 0034E7

■ 4C6FE7

■ 6381E7

■ 7A93E7

■ 92A5E7

■ A9B7E7

■ C0C8E7

■ D7DAE7

■ EEECE7

Harmonies

Analogous

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



006BFA



1E4BE7



AE00AF

Triad

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



1E4BE7



AE3000



007857

Complementary

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



1E4BE7



E7BA1E

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.



007500



1E4BE7



765A00

Square

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



1E4BE7



D2001C



216D00



007AA5

Rectangle

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



1E4BE7



CF007F



216D00



00773C

Sweetspot

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



1E4BE7



BDCCFF



1EE7B8



586180



000000



808080

Same Dimension

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



1E4BE7



0039FF



541EE7



676A73



0028B3



000B33

Inverse Universe

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



E71E4B



FF0039



B1E71E



73676A



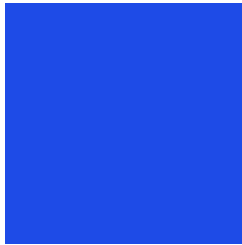
B30028



33000B

Previews

White Background



This preview shows how the Hex color 1E4BE7 looks on a white background.

Color Contrast Check

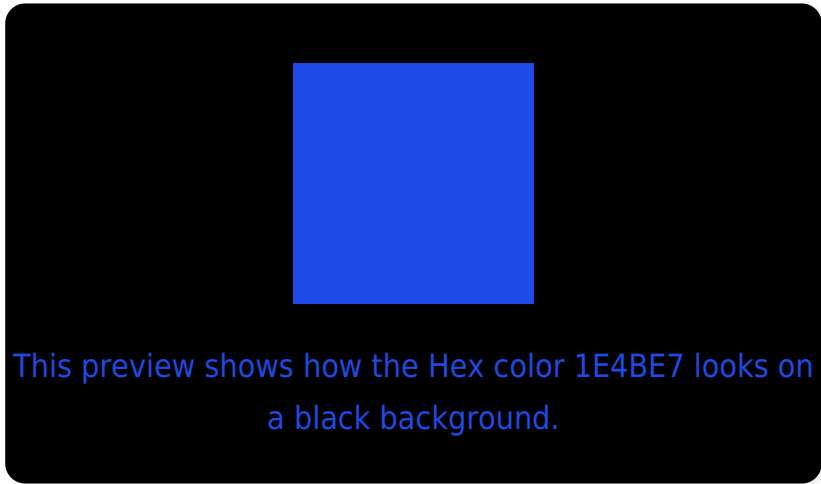
Large Text (above 18pt) WCAG AA ✓ Pass

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

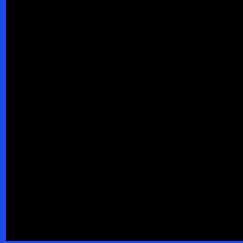
Any Text WCAG AA × Fail

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 1E4BE7 Background



This preview shows how black text looks on a background with the Hex color 1E4BE7.

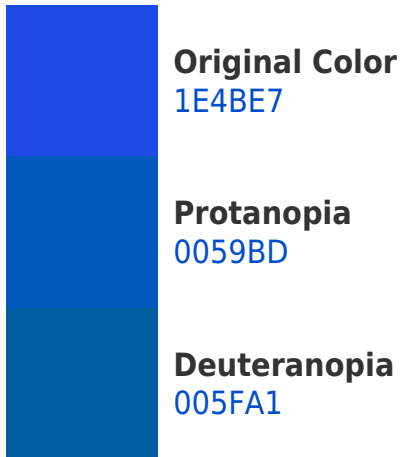


This preview shows how white text looks on a background with the Hex color 1E4BE7.

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
00676D

Trichromacy



Original Color
1E4BE7

Protanomaly
0B54CC

Deuteranomaly
0B58BA

Tritanomaly
0B5D99

Monochromacy



Original Color
1E4BE7

Achromatopsia
4F4F4F

Achromatomaly
3D4E86

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E4BE7 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 #1E4BE7 looks like.

```
.text, #text, p{  
    color:#1E4BE7  
}
```

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 #1E4BE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E4BE7
}
```

Border

The CSS property to change the border of an element to Hex 1E4BE7 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
#1E4BE7 }
```

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

```
.border{ border-color:#1E4BE7 }
```

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

Here you see how a box with a 4 pixel #1E4BE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E4BE7; -webkit-box-shadow:4px 4px  
4px 4px #1E4BE7; box-shadow:4px 4px 4px  
4px #1E4BE7 }
```

Background

The CSS property to change the background color of an element to Hex 1E4BE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E4BE7 }
```

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

```
.background{ background-color:#1E4BE7 }
```

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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