

Converting Colors

Hex(1E3EE3)

Have a look what the booklet for
Hex(1E3EE3) contains.

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Color

Hex(1E3EE3)

Conversions

Conversions Part 1

Format	Color
Hex	1E3EE3
RGB	30, 62, 227
RGB Percent	12%, 24%, 89%
CMY	0.8824, 0.7569, 0.1098
CMYK	0.87, 0.73, 0.00, 0.11
HSL	230°, 78%, 50%
HSV	230°, 87%, 89%
XYZ	16.1232, 9.2673, 73.6120
YIQ	71.2420, -72.0370, 44.5310

Conversions

Conversions Part 2

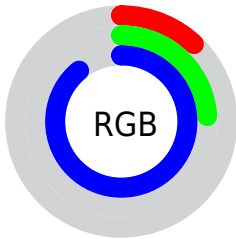
Format	Color
R_{YB}	30, 58, 227
Decimal	1982179
CIE Lab	36.49, 50.52, -85.03
CIE LCh	36, 98.901, 300.716
Yxy	9.2673, 0.1629, 0.0936
Android (android.graphics.Color)	4280172259 (0xFF1E3EE3)
YUV	71.2420, 76.7887, -36.1692
Hunter-Lab	30.4423, 41.2652, -122.0587




Details

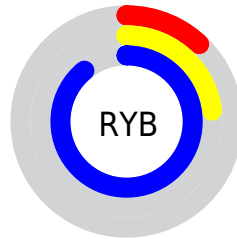
The Hex color **1E3EE3** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **E3C31E**, and the grayscale version is **474747**.




A 20% lighter version of the original color is **746FFF**, and **0012AA** is the 20% darker color. If you saturate the color by 10%, you get **072BE3**, and if you desaturate by 10%, it is **3551E3**.

Distribution







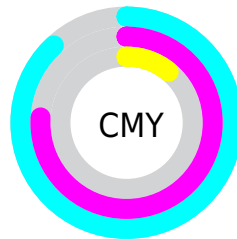
-  Red (12%)
-  Green (24%)
-  Blue (89%)






-  Red (12%)
-  Yellow (23%)
-  Blue (89%)



-  Cyan (87%)
-  Magenta (73%)
-  Yellow (0%)
-  Black (11%)



-  Cyan (88%)
-  Magenta (76%)
-  Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E3EE3 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 1E3EE3 by changing the saturation by 10% instead.

■ 1E3EE3

■ 1E3EE3

FFFFFF

■ 0027C6

■ 746FFF

■ 0012AA

■ 9588FF

■ 00028F

■ B5A3FF

■ 000074

■ D5BEFF

■ 000D5A

■ F4DAFF

■ 000742

■ FFF7FF

■ 00032B

■ 000115

■ 000000

■ 1E3EE3

■ 1E3EE3

■ 072BE3

■ 3551E3

■ 0025E3

■ 4B64E3

■ 6277E3

■ 798AE3

■ 909DE3

■ A6B0E3

■ BDC3E3

■ D4D6E3

■ EAE9E3

Harmonies

Analogous

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



0063FB



1E3EE3



AF00A6

Triad

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



1E3EE3



A32800



007056

Complementary

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



1E3EE3



E3C31E

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.



006D00



1E3EE3



685500

Square

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



1E3EE3



CB000A



006600



0072A7

Rectangle

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



1E3EE3



CD0072



006600



006F39

Sweetspot

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



1E3EE3



BDC7FF



1EE3C2



585E80



000000



808080

Same Dimension

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



1E3EE3



0029FF



601EE3



676973



001DB3



000833

Inverse Universe

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



E31E3E



FF0029



A1E31E



736769



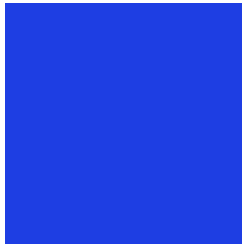
B3001D



330008

Previews

White Background



This preview shows how the Hex color 1E3EE3 looks on a white background.

Color Contrast Check

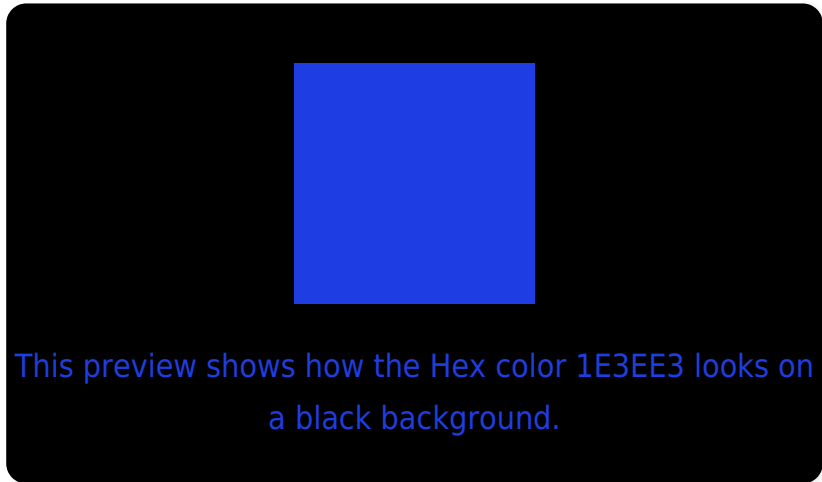
Large Text (above 18pt) WCAG AA ✓ Pass

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

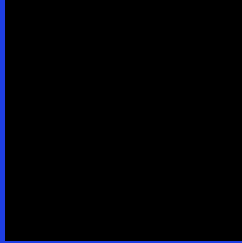
Any Text WCAG AA × Fail

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 1E3EE3 Background



This preview shows how black text looks on a background with the Hex color 1E3EE3.



This preview shows how white text looks on a background with the Hex color 1E3EE3.

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
005F64

Trichromacy



Original Color
1E3EE3

Protanomaly
0B4BC1

Deuteranomaly
0B4FB0

Tritanomaly
0B5392

Monochromacy



Original Color
1E3EE3

Achromatopsia
474747

Achromatomaly
384480

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E3EE3 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 #1E3EE3 looks like.

```
.text, #text, p{  
    color:#1E3EE3  
}
```

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 #1E3EE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E3EE3
}
```

Border

The CSS property to change the border of an element to Hex 1E3EE3 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
#1E3EE3 }
```

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

```
.border{ border-color:#1E3EE3 }
```

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

Here you see how a box with a 4 pixel #1E3EE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E3EE3; -webkit-box-shadow:4px 4px  
4px 4px #1E3EE3; box-shadow:4px 4px 4px  
4px #1E3EE3 }
```

Background

The CSS property to change the background color of an element to Hex 1E3EE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E3EE3 }
```

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

```
.background{ background-color:#1E3EE3 }
```

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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