

Converting Colors

Hex(1E0FAB)

Have a look what the booklet for
Hex(1E0FAB) contains.

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Color

Hex(1E0FAB)

Conversions

Conversions Part 1

Format	Color
Hex	1E0FAB
RGB	30, 15, 171
RGB Percent	12%, 6%, 67%
CMY	0.8824, 0.9412, 0.3294
CMYK	0.82, 0.91, 0.00, 0.33
HSL	246°, 84%, 36%
HSV	246°, 91%, 67%
XYZ	8.0569, 3.5579, 38.7902
YIQ	37.2690, -41.1360, 51.6960

Conversions

Conversions Part 2

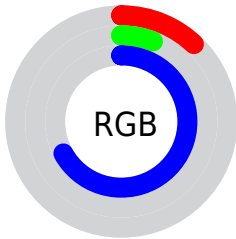
Format	Color
R_{YB}	30, 15, 171
Decimal	1970091
CIE Lab	22.15, 55.19, -76.00
CIE LCh	22, 93.926, 305.987
Yxy	3.5579, 0.1598, 0.0706
Android (android.graphics.Color)	4280160171 (0xFF1E0FAB)
YUV	37.2690, 65.9294, -6.3749
Hunter-Lab	18.8625, 43.2351, -108.7244

Details

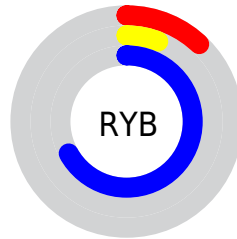
The Hex color **1E0FAB** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **9CAB0F**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **6843E4**, and **000075** is the 20% darker color. If you saturate the color by 10%, you get **1000AB**, and if you desaturate by 10%, it is **2D20AB**.

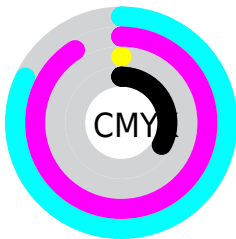
Distribution



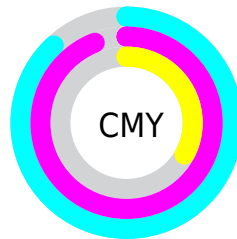
- Red (12%)
- Green (6%)
- Blue (67%)



- Red (12%)
- Yellow (6%)
- Blue (67%)



- Cyan (82%)
- Magenta (91%)
- Yellow (0%)
- Black (33%)



- Cyan (88%)
- Magenta (94%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E0FAB 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 1E0FAB by changing the saturation by 10% instead.

■ 1E0FAB

■ 1E0FAB

FFFFFF

■ 000090

■ 6843E4

■ 000075

■ 875DFF

■ 00005B

■ A676FF

■ 000743

■ C491FF

■ 00032C

■ E2ACFF

■ 000116

■ FFC8FF

■ 000000

■ FFE5FF

■ 1E0FAB

■ 1E0FAB

■ 1000AB

■ 2D20AB

■ 3D31AB

■ 4C42AB

■ 5C53AB

■ 6B64AB

■ 7B76AB

■ 8A87AB

■ 9A98AB

■ A9A9AB

Harmonies

Analogous

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



0040C8



1E0FAB



8A0070

Triad

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



1E0FAB



6C1100



004A42

Complementary

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



1E0FAB



9CAB0F

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.



004800



1E0FAB



363800

Square

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



1E0FAB



920000



004400



004C88

Rectangle

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



1E0FAB



9E0042



004400



004929

Sweetspot

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



1E0FAB



A8A2DE



0F9EAB



504C70



F0F0F0



707070

Same Dimension

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



1E0FAB



1500DE



6A0FAB



4F4E57



0E0096



020017

Inverse Universe

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



AB0F9C



DE00C9



50AB0F



574E56



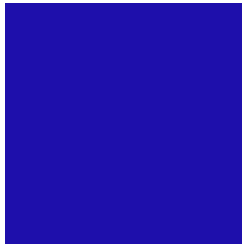
960088



170015

Previews

White Background



This preview shows how the Hex color 1E0FAB looks on a white background.

Color Contrast Check

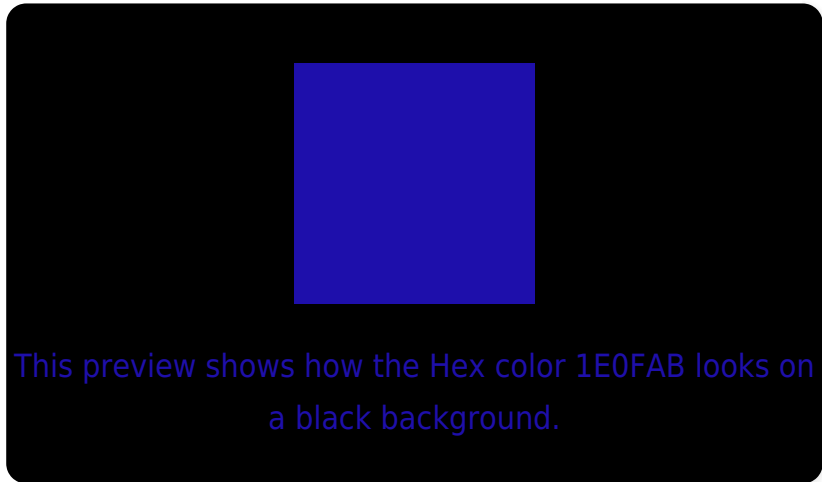
Large Text (above 18pt) WCAG AA ✓ Pass

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

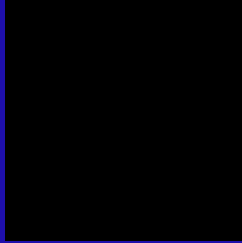
Any Text WCAG AA × Fail

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 1E0FAB Background



This preview shows how black text looks on a background with the Hex color 1E0FAB.



This preview shows how white text looks on a background with the Hex color 1E0FAB.

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
1E0FAB

Protanopia
00346E

Deuteranopia
00385D



Tritanopia
003C3F

Trichromacy



Original Color
1E0FAB

Protanomaly
0B2784

Deuteranomaly
0B2979

Tritanomaly
0B2C66

Monochromacy



Original Color
1E0FAB

Achromatopsia
252525

Achromatomaly
221D56

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E0FAB 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 #1E0FAB looks like.

```
.text, #text, p{  
    color:#1E0FAB  
}
```

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 #1E0FAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E0FAB
}
```

Border

The CSS property to change the border of an element to Hex 1E0FAB 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
#1E0FAB }
```

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

```
.border{ border-color:#1E0FAB }
```

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

Here you see how a box with a 4 pixel #1E0FAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E0FAB; -webkit-box-shadow:4px 4px  
4px 4px #1E0FAB; box-shadow:4px 4px 4px  
4px #1E0FAB }
```

Background

The CSS property to change the background color of an element to Hex 1E0FAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E0FAB }
```

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

```
.background{ background-color:#1E0FAB }
```

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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