

Converting Colors

Hex(1E2EEF)

Have a look what the booklet for
Hex(1E2EEF) contains.

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Color

Hex(1E2EEF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 1E2EEF |
| RGB | 30, 46, 239 |
| RGB Percent | 12%, 18%, 94% |
| CMY | 0.8824, 0.8196, 0.0627 |
| CMYK | 0.87, 0.81, 0.00, 0.06 |
| HSL | 235°, 87%, 53% |
| HSV | 235°, 87%, 94% |
| XYZ | 17.0924, 8.4620, 82.3938 |
| YIQ | 63.2180, -71.4890, 56.6310 |

Conversions

Conversions Part 2

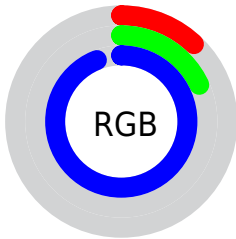
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 30, 45, 239 |
| Decimal | 1978095 |
| CIE Lab | 34.93, 62.71, -94.45 |
| CIE LCh | 35, 113.370, 303.582 |
| Yxy | 8.4620, 0.1583, 0.0784 |
| Android (android.graphics.Color) | 4280168175 (0xFF1E2EEF) |
| YUV | 63.2180, 86.6605, -29.1322 |
| Hunter-Lab | 29.0895, 53.9762, -147.5716 |

Details

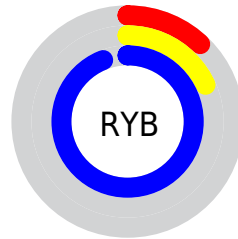
The Hex color **1E2EEF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **EFD1E**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **7960FF**, and **0000B5** is the 20% darker color. If you saturate the color by 10%, you get **0618EF**, and if you desaturate by 10%, it is **3644EF**.

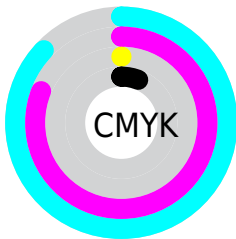
Distribution



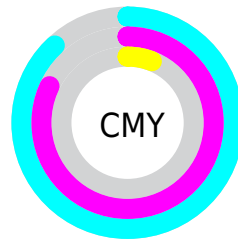
- Red (12%)
- Green (18%)
- Blue (94%)



- Red (12%)
- Yellow (18%)
- Blue (94%)



- Cyan (87%)
- Magenta (81%)
- Yellow (0%)
- Black (6%)



- Cyan (88%)
- Magenta (82%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E2EEF 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 1E2EEF by changing the saturation by 10% instead.

 1E2EEF

 1E2EEF

FFFFFF

 0014D2

 7960FF

 0000B5

 9B7AFF

 000099

 BB95FF

 00007E

 DCB0FF

 001064

 FCC0FF

 00094B

 FFE9FF

 000433

 00021D

 000000

■ 1E2EEF

■ 1E2EEF

■ 0618EF

■ 3644EF

■ 0012EF

■ 4E5AEF

■ 6670EF

■ 7E86EF

■ 959CEF

■ ADB2EF

■ C5C8EF

■ DDDFEF

■ F5F5EF

Harmonies

Analogous

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



0061FF



1E2EEF



BD00A5

Triad

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



1E2EEF



A11F00



006E5C

Complementary

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



1E2EEF



EFD1E

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.



006B00



1E2EEF



5C5400

Square

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



1E2EEF



D00000



006500



0071B7

Rectangle

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



1E2EEF



DA006A



006500



006D3B

Sweetspot

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



1E2EEF



BDC2FF



1EEFDE



585B80



000000



808080

Same Dimension

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



1E2EEF



0014FF



751EEF



6C6D78



000EB8



000438

Inverse Universe

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



EF1E2E



FF0014



98EF1E



786C6D



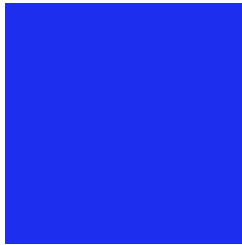
B8000E



380004

Previews

White Background



This preview shows how the Hex color 1E2EEF looks on a white background.

Color Contrast Check

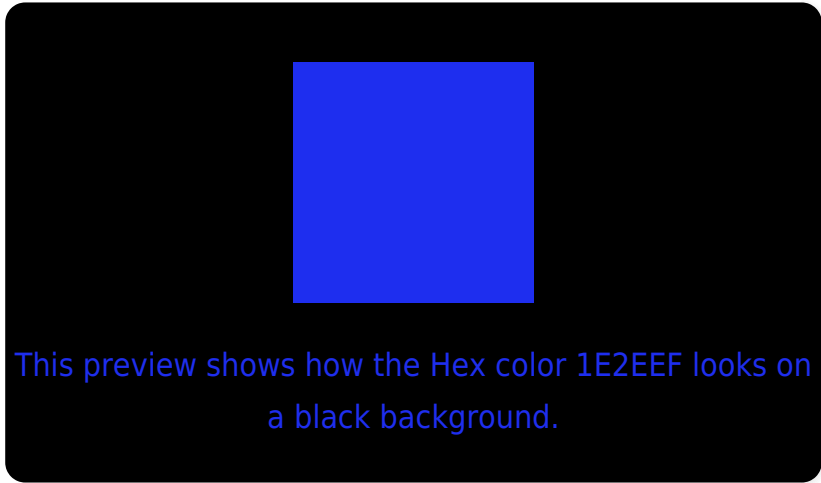
Large Text (above 18pt) WCAG AA ✓ Pass

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

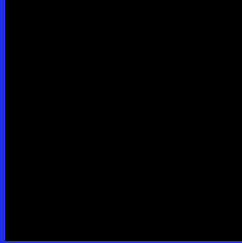
Any Text WCAG AA × Fail

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 1E2EEF Background



This preview shows how black text looks on a background with the Hex color 1E2EEF.



This preview shows how white text looks on a background with the Hex color 1E2EEF.

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
1E2EEF

Protanopia
004EA5

Deuteranopia
00548C



Tritanopia
005A5F

Trichromacy



Original Color
1E2EEF

Protanomaly
0B42C0

Deuteranomaly
0B46B0

Tritanomaly
0B4A93

Monochromacy



Original Color
1E2EEF

Achromatopsia
3F3F3F

Achromatomaly
33397F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E2EEF 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 #1E2EEF looks like.

```
.text, #text, p{  
    color:#1E2EEF  
}
```

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 #1E2EEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E2EEF }  
}
```

Border

The CSS property to change the border of an element to Hex 1E2EEF 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 #1E2EEF }  
}
```

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

```
.border{ border-color:#1E2EEF }
```

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

Here you see how a box with a 4 pixel #1E2EEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E2EEF; -webkit-box-shadow:4px 4px  
4px 4px #1E2EEF; box-shadow:4px 4px 4px  
4px #1E2EEF }
```

Background

The CSS property to change the background color of an element to Hex 1E2EEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E2EEF }
```

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

```
.background{ background-color:#1E2EEF }
```

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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