

Converting Colors

Hex(231EE3)

Have a look what the booklet for
Hex(231EE3) contains.

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Color

Hex(231EE3)

Conversions

Conversions Part 1

Format	Color
Hex	231EE3
RGB	35, 30, 227
RGB Percent	14%, 12%, 89%
CMY	0.8627, 0.8824, 0.1098
CMYK	0.85, 0.87, 0.00, 0.11
HSL	242°, 78%, 50%
HSV	242°, 87%, 89%
XYZ	15.0225, 6.8319, 73.2000
YIQ	53.9530, -60.2570, 62.3270

Conversions

Conversions Part 2

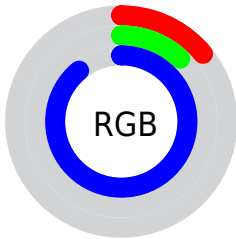
Format	Color
R_{YB}	35, 30, 227
Decimal	2301667
CIE _{Lab}	31.42, 65.94, -93.44
CIE _{LCh}	31, 114.365, 305.207
Yxy	6.8319, 0.1580, 0.0719
Android (android.graphics.Color)	4280491747 (0xFF231EE3)
YUV	53.9530, 85.3122, -16.6218
Hunter-Lab	26.1379, 56.8498, -147.7465

Details

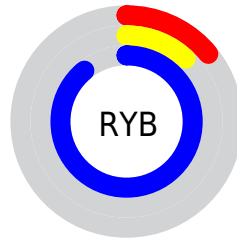
The Hex color **231EE3** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **DEE31E**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **7853FF**, and **0000AA** is the 20% darker color. If you saturate the color by 10%, you get **0D07E3**, and if you desaturate by 10%, it is **3935E3**.

Distribution



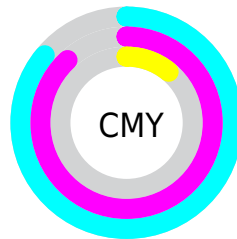
- Red (14%)
- Green (12%)
- Blue (89%)



- Red (14%)
- Yellow (12%)
- Blue (89%)



- Cyan (85%)
- Magenta (87%)
- Yellow (0%)
- Black (11%)



- Cyan (86%)
- Magenta (88%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 231EE3 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 231EE3 by changing the saturation by 10% instead.

■ 231EE3

■ 231EE3

FFFFFF

■ 0000C6

■ 7853FF

■ 0000AA

■ 9A6DFF

■ 00008E

■ BA88FF

■ 000073

■ DAA3FF

■ 000D5A

■ FABFFF

■ 000741

■ FFDCFF

■ 00032A

■ FFF9FF

■ 000114

■ 000000

■ 231EE3

■ 231EE3

■ 0D07E3

■ 3935E3

■ 0600E3

■ 4F4BE3

■ 6562E3

■ 7B79E3

■ 9290E3

■ A8A6E3

■ BEBDE3

■ D4D4E3

■ EAEAE3

Harmonies

Analogous

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



0058FF



231EE3



B60098

Triad

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



231EE3



931900



006459

Complementary

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



231EE3



DEE31E

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.



006200



231EE3



4D4D00

Square

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



231EE3



C30000



005D00



0067B3

Rectangle

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



231EE3



D1005D



005D00



006339

Sweetspot

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



231EE3



BEBDFE



1EE0E3



595880



000000



808080

Same Dimension

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



231EE3



0600FF



841EE3



686773



0500B3



010033

Inverse Universe

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



E31EDE



FF00F9



7DE31E



736772



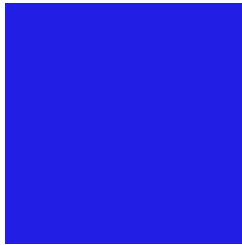
B300AE



330032

Previews

White Background



This preview shows how the Hex color 231EE3 looks on a white background.

Color Contrast Check

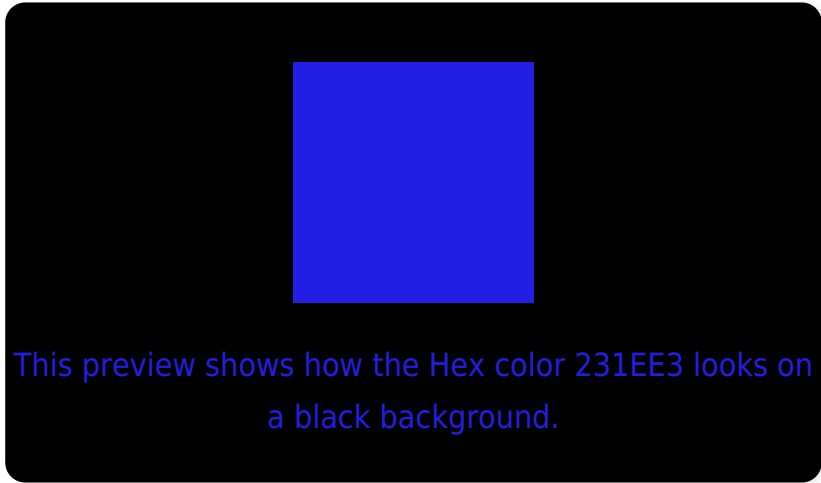
Large Text (above 18pt) WCAG AA ✓ Pass

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

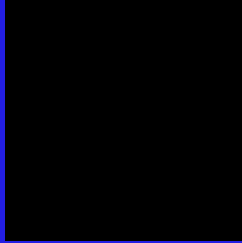
Any Text WCAG AA × Fail

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 231EE3 Background



This preview shows how black text looks on a background with the Hex color 231EE3.



This preview shows how white text looks on a background with the Hex color 231EE3.

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
231EE3

Protanopia
004795

Deuteranopia
004C7E

Trichromacy



Original Color
231EE3

Protanomaly
0D38B1

Deuteranomaly
0D3BA3

Tritanomaly
0D3F89

Monochromacy



Original Color
231EE3

Achromatopsia
363636

Achromatomaly
2F2D75

CSS Examples

Text

The CSS property to change the color of the text to Hex 231EE3 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 #231EE3 looks like.

```
.text, #text, p{  
    color:#231EE3  
}
```

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 #231EE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #231EE3
}
```

Border

The CSS property to change the border of an element to Hex 231EE3 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
#231EE3 }
```

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

```
.border{ border-color:#231EE3 }
```

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

Here you see how a box with a 4 pixel #231EE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #231EE3; -webkit-box-shadow:4px 4px  
4px 4px #231EE3; box-shadow:4px 4px 4px  
4px #231EE3 }
```

Background

The CSS property to change the background color of an element to Hex 231EE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#231EE3 }
```

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

```
.background{ background-color:#231EE3 }
```

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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