

# Converting Colors

Hex(1E00E8)

Have a look what the booklet for  
Hex(1E00E8) contains.

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# Color

**Hex(1E00E8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1E00E8
RGB	30, 0, 232
RGB Percent	12%, 0%, 91%
CMY	0.8824, 1.0000, 0.0902
CMYK	0.87, 1.00, 0.00, 0.09
HSL	248°, 100%, 45%
HSV	248°, 100%, 91%
XYZ	15.1009, 6.1022, 76.7259
YIQ	35.4180, -56.5920, 78.5120

# Conversions

## Conversions Part 2

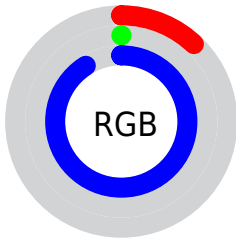
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 0, 232
Decimal	1966312
CIELab	29.67, 73.96, -99.23
CIELCh	30, 123.763, 306.696
Yxy	6.1022, 0.1542, 0.0623
Android (android.graphics.Color)	4280156392 (0xFF1E00E8)
YUV	35.4180, 96.9149, -4.7516
Hunter-Lab	24.7027, 65.8886, -166.8614

# Details

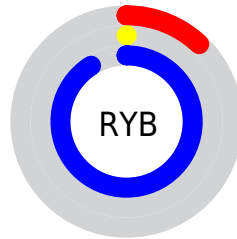
The Hex color **1E00E8** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **CAE800**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **7945FF**, and **0000AE** is the 20% darker color. If you saturate the color by 10%, you get **1E00E8**, and if you desaturate by 10%, it is **3217E8**.

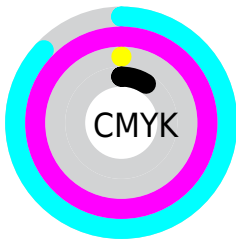
# Distribution



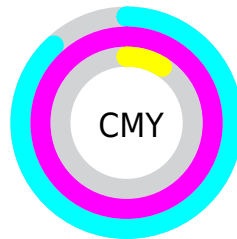
- Red (12%)
- Green (0%)
- Blue (91%)



- Red (12%)
- Yellow (0%)
- Blue (91%)



- Cyan (87%)
- Magenta (100%)
- Yellow (0%)
- Black (9%)



- Cyan (88%)
- Magenta (100%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E00E8 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 1E00E8 by changing the saturation by 10% instead.



■ 1E00E8

■ 1E00E8

FFFFFF

■ 0000CB

■ 7945FF

■ 0000AE

■ 9B60FF

■ 000093

■ BC7BFF

■ 000178

■ DD97FF

■ 000E5E

■ FDB3FF

■ 000845

■ FFD0FF

■ 00032E

■ FFEDFF

■ 000118

■ 000000

 1E00E8

 3217E8

 462EE8

 5B46E8

 6F5DE8

 8374E8

 978BE8

 ABA2E8

 C0BAE8

 D4D1E8

# Harmonies

## Analogous

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



0055FF



1E00E8



BC0095

# Triad

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



1E00E8



8E1000



00605B

# Complementary

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



1E00E8



CAE800

# 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.



005E00



1E00E8



434B00

# Square

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



1E00E8



C30000



005900



0064BC

# Rectangle

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



1E00E8



D60056



005900



005F39



# Sweetspot

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



1E00E8



BCB3FF



00CDE8



585280



000000



808080



# Same Dimension

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



1E00E8



2100FF



8F00E8



696773



1700B3



070033



# Inverse Universe

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



E800CA



FF00DE



59E800



736771



B3009B

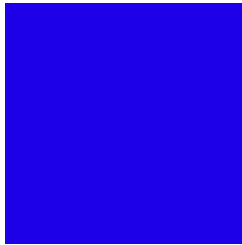


33002C



# Previews

## White Background



This preview shows how the Hex color 1E00E8 looks on a white background.

## Color Contrast Check

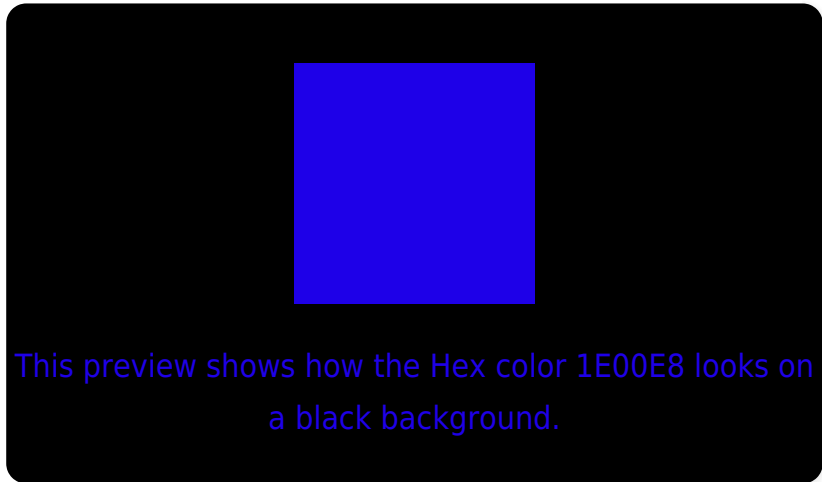
Large Text (above 18pt) WCAG AA ✓ Pass

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 1E00E8 Background



This preview shows how black text looks on a background with the Hex color 1E00E8.



This preview shows how white text looks on a background with the Hex color 1E00E8.

# 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**  
1E00E8

**Protanopia**  
004590

**Deuteranopia**  
004A7A



**Tritanopia**  
004F53

# Trichromacy



**Original Color**  
1E00E8

**Protanomaly**  
0B2CB0

**Deuteranomaly**  
0B2FA2

**Tritanomaly**  
0B3289

# Monochromacy



**Original Color**  
1E00E8

**Achromatopsia**  
232323

**Achromatomaly**  
21166B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E00E8 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 #1E00E8 looks like.

```
.text, #text, p{  
    color:#1E00E8  
}
```

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 #1E00E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E00E8
}
```

## Border

The CSS property to change the border of an element to Hex 1E00E8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

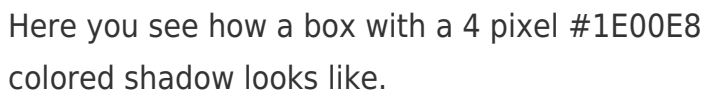
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E00E8 }
```

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

```
.border{ border-color:#1E00E8 }
```

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



Here you see how a box with a 4 pixel #1E00E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E00E8; -webkit-box-shadow:4px 4px  
4px 4px #1E00E8; box-shadow:4px 4px 4px  
4px #1E00E8 }
```

# Background

The CSS property to change the background color of an element to Hex 1E00E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E00E8 }
```

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

```
.background{ background-color:#1E00E8 }
```

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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