

# Converting Colors

Hex(1E23CD)

Have a look what the booklet for  
Hex(1E23CD) contains.

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# Color

Hex(1E23CD)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1E23CD
RGB	30, 35, 205
RGB Percent	12%, 14%, 80%
CMY	0.8824, 0.8627, 0.1961
CMYK	0.85, 0.83, 0.00, 0.20
HSL	238°, 74%, 46%
HSV	238°, 85%, 80%
XYZ	12.1559, 5.8859, 58.2530
YIQ	52.8850, -57.5500, 51.8100

# Conversions

## Conversions Part 2

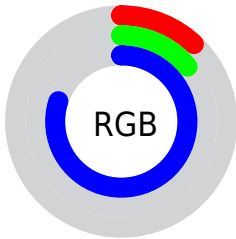
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 35, 205
Decimal	1975245
CIE <sub>Lab</sub>	29.12, 57.42, -84.56
CIE <sub>LCh</sub>	29, 102.216, 304.177
Yxy	5.8859, 0.1593, 0.0771
Android (android.graphics.Color)	4280165325 (0xFF1E23CD)
YUV	52.8850, 74.9927, -20.0701
Hunter-Lab	24.2608, 46.9812, -125.3797

# Details

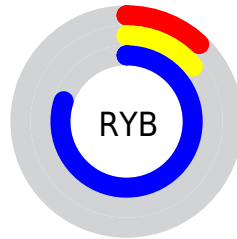
The Hex color **1E23CD** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **CDC81E**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **7055FF**, and **000095** is the 20% darker color. If you saturate the color by 10%, you get **0A0FCD**, and if you desaturate by 10%, it is **3337CD**.

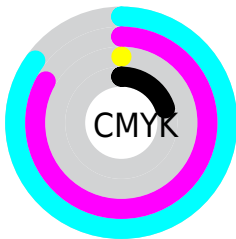
# Distribution



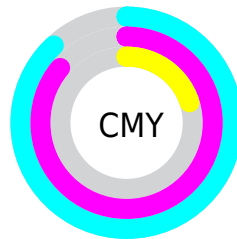
- Red (12%)
- Green (14%)
- Blue (80%)



- Red (12%)
- Yellow (14%)
- Blue (80%)



- Cyan (85%)
- Magenta (83%)
- Yellow (0%)
- Black (20%)



- Cyan (88%)
- Magenta (86%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E23CD 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 1E23CD by changing the saturation by 10% instead.



■ 1E23CD

■ 1E23CD

FFFFFF

■ 0007B1

■ 7055FF

■ 000095

■ 916EFF

■ 00007A

■ B089FF

■ 000760

■ CFA3FF

■ 000847

■ EFBFFF

■ 000430

■ FFDBFF

■ 00011A

■ FFF8FF

■ 000000

■ 1E23CD

■ 1E23CD

■ 0A0FCD

■ 3337CD

■ 0006CD

■ 474BCD

■ 5C5FCD

■ 7073CD

■ 8587CD

■ 999ACD

■ AEAECD

■ C2C2CD

■ D7D6CD

# Harmonies

## Analogous

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



0051EB



1E23CD



A3008C

# Triad

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



1E23CD



881900



005D4F

# Complementary

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



1E23CD



CDC81E

# 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.



005A00



1E23CD



4B4700

# Square

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



1E23CD



B20000



005500



005F9E

# Rectangle

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



1E23CD



BC0058



005500



005C32



# Sweetspot

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



1E23CD



BDBFFF



1ECDC7



585980



000000



808080



# Same Dimension

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



1E23CD



0007FF



701ECD



5C5C66



0005A6



000126



# Inverse Universe

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



CD1E23



FF0007



7BCD1E



665C5C



A60005

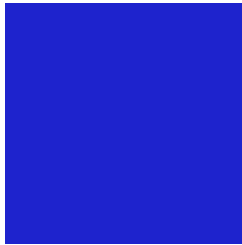


260001



# Previews

## White Background



This preview shows how the Hex color 1E23CD looks on a white background.

## Color Contrast Check

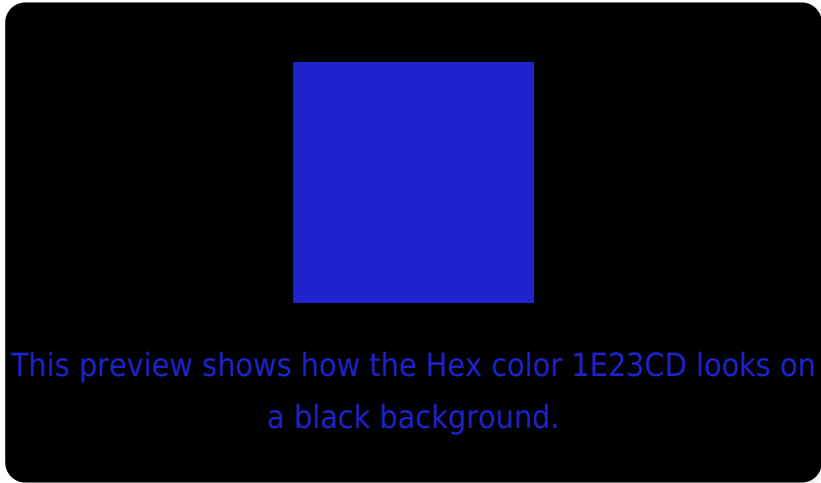
Large Text (above 18pt) WCAG AA ✓ Pass

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

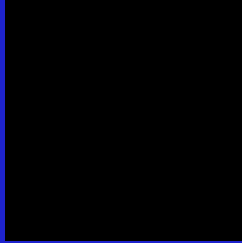
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1E23CD Background



This preview shows how black text looks on a background with the Hex color 1E23CD.



This preview shows how white text looks on a background with the Hex color 1E23CD.

# 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**  
1E23CD

**Protanopia**  
00428B

**Deuteranopia**  
004776



**Tritanopia**  
004C50

# Trichromacy



**Original Color**  
1E23CD

**Protanomaly**  
0B37A3

**Deuteranomaly**  
0B3A96

**Tritanomaly**  
0B3D7D

# Monochromacy



**Original Color**  
1E23CD

**Achromatopsia**  
353535

**Achromatomaly**  
2D2E6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E23CD 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 #1E23CD looks like.

```
.text, #text, p{  
    color:#1E23CD  
}
```

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 #1E23CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E23CD
}
```

## Border

The CSS property to change the border of an element to Hex 1E23CD 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
#1E23CD }
```

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

```
.border{ border-color:#1E23CD }
```

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

Here you see how a box with a 4 pixel #1E23CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E23CD; -webkit-box-shadow:4px 4px  
4px 4px #1E23CD; box-shadow:4px 4px 4px  
4px #1E23CD }
```

# Background

The CSS property to change the background color of an element to Hex 1E23CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E23CD }
```

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

```
.background{ background-color:#1E23CD }
```

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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