

# Converting Colors

Hex(1E1ECC)

Have a look what the booklet for  
Hex(1E1ECC) contains.

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# Color

Hex(1E1ECC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1E1ECC
RGB	30, 30, 204
RGB Percent	12%, 12%, 80%
CMY	0.8824, 0.8824, 0.2000
CMYK	0.85, 0.85, 0.00, 0.20
HSL	240°, 74%, 46%
HSV	240°, 85%, 80%
XYZ	11.8988, 5.5642, 57.5736
YIQ	49.8360, -55.8540, 54.1140

# Conversions

## Conversions Part 2

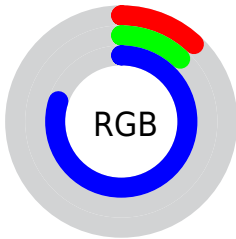
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 30, 204
Decimal	1973964
CIELab	28.29, 59.24, -85.37
CIElCh	28, 103.914, 304.757
Yxy	5.5642, 0.1586, 0.0742
Android (android.graphics.Color)	4280164044 (0xFF1E1ECC)
YUV	49.8360, 76.0029, -17.3962
Hunter-Lab	23.5886, 48.7608, -128.1997

# Details

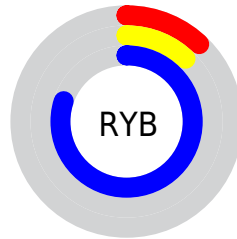
The Hex color **1E1ECC** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **CCCC1E**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **7051FF**, and **000094** is the 20% darker color. If you saturate the color by 10%, you get **0A0ACC**, and if you desaturate by 10%, it is **3232CC**.

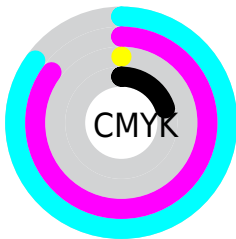
# Distribution



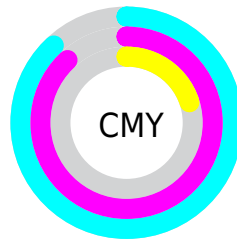
- Red (12%)
- Green (12%)
- Blue (80%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E1ECC 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 1E1ECC by changing the saturation by 10% instead.



■ 1E1ECC

■ 1E1ECC

FFFFFF

■ 0000B0

■ 7051FF

■ 000094

■ 916AFF

■ 000079

■ B085FF

■ 00085F

■ D0A0FF

■ 000846

■ EFBBFF

■ 00042F

■ FFD7FF

■ 000119

■ FFF4FF

■ 000000

■ 1E1ECC

■ 1E1ECC

■ 0A0ACC

■ 3232CC

■ 0000CC

■ 4747CC

■ 5B5BCC

■ 7070CC

■ 8484CC

■ 9898CC

■ ADADCC

■ C1C1CC

■ D6D6CC

# Harmonies

## Analogous

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



004FEB



1E1ECC



A30089

# Triad

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



1E1ECC



851700



005B4E

# Complementary

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



1E1ECC



CCCC1E

# 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.



005800



1E1ECC



474500

# Square

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



1E1ECC



B00000



005300



005D9F

# Rectangle

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



1E1ECC



BC0055



005300



005A32



# Sweetspot

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



1E1ECC



BDBDFF



1ECCCC



585880



000000



808080



# Same Dimension

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



1E1ECC



0000FF



751ECC



5C5C66



0000A6



000026



# Inverse Universe

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



CC1ECC



FF00FF



75CC1E



665C66



A600A6

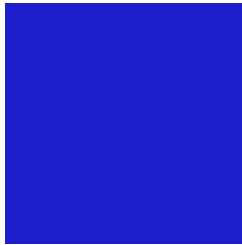


260026



# Previews

## White Background



This preview shows how the Hex color 1E1ECC looks on a white background.

## Color Contrast Check

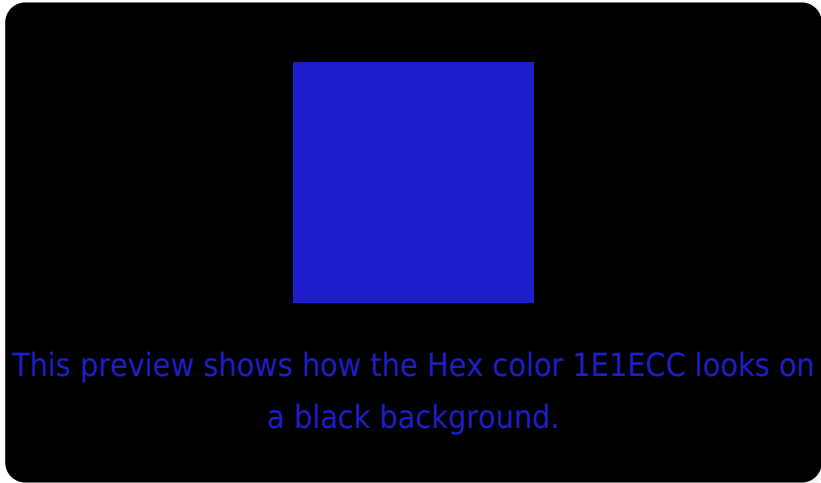
Large Text (above 18pt) WCAG AA ✓ Pass

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

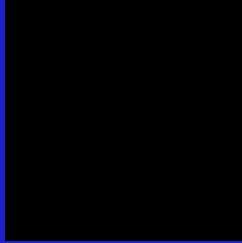
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1E1ECC Background



This preview shows how black text looks on a background with the Hex color 1E1ECC.



This preview shows how white text looks on a background with the Hex color 1E1ECC.

# 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





**Tritanopia**  
004A4E

# Trichromacy



**Original Color**  
1E1ECC

**Protanomaly**  
0B34A0

**Deuteranomaly**  
0B3793

**Tritanomaly**  
0B3A7C

# Monochromacy



**Original Color**  
1E1ECC

**Achromatopsia**  
323232

**Achromatomaly**  
2B2B6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E1ECC 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 #1E1ECC looks like.

```
.text, #text, p{  
    color:#1E1ECC  
}
```

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 #1E1ECC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E1ECC
}
```

## Border

The CSS property to change the border of an element to Hex 1E1ECC is called "border". The border property can be set on classes, ids or directly on the HTML element.

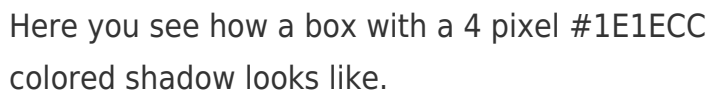
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E1ECC }
```

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

```
.border{ border-color:#1E1ECC }
```

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



Here you see how a box with a 4 pixel #1E1ECC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E1ECC; -webkit-box-shadow:4px 4px  
4px 4px #1E1ECC; box-shadow:4px 4px 4px  
4px #1E1ECC }
```

# Background

The CSS property to change the background color of an element to Hex 1E1ECC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E1ECC }
```

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

```
.background{ background-color:#1E1ECC }
```

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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