

Converting Colors

Hex(1C30E1)

Have a look what the booklet for
Hex(1C30E1) contains.

Hex(1C30E1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1C30E1)

Conversions

Conversions Part 1

Format	Color
Hex	1C30E1
RGB	28, 48, 225
RGB Percent	11%, 19%, 88%
CMY	0.8902, 0.8118, 0.1176
CMYK	0.88, 0.79, 0.00, 0.12
HSL	234°, 78%, 50%
HSV	234°, 88%, 88%
XYZ	15.1264, 7.7970, 71.9419
YIQ	62.1980, -68.7370, 50.8070

Conversions

Conversions Part 2

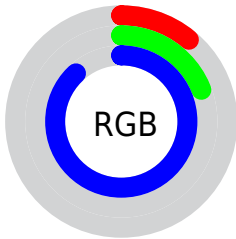
Format	Color
R_{YB}	28, 46, 225
Decimal	1847521
CIE _{Lab}	33.56, 57.35, -88.75
CIE _{LCh}	34, 105.672, 302.871
Yxy	7.7970, 0.1595, 0.0822
Android (android.graphics.Color)	4280037601 (0xFF1C30E1)
YUV	62.1980, 80.2614, -29.9916
Hunter-Lab	27.9232, 47.8310, -133.2100




Details

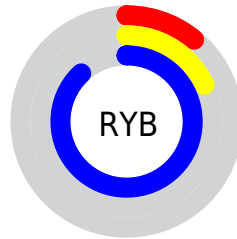
The Hex color **1C30E1** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **E1CD1C**, and the grayscale version is **3D3D3D**.




A 20% lighter version of the original color is **7461FF**, and **0000A8** is the 20% darker color. If you saturate the color by 10%, you get **051CE1**, and if you desaturate by 10%, it is **3344E1**.

Distribution







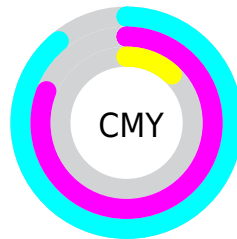
-  Red (11%)
-  Green (19%)
-  Blue (88%)






-  Red (11%)
-  Yellow (18%)
-  Blue (88%)



-  Cyan (88%)
-  Magenta (79%)
-  Yellow (0%)
-  Black (12%)



-  Cyan (89%)
-  Magenta (81%)
-  Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C30E1 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 1C30E1 by changing the saturation by 10% instead.

 1C30E1

 1C30E1

FFFFFF

 0018C4

 7461FF

 0000A8

 957BFF

 00008D

 B595FF

 000072

 D5B1FF

 000C58

 F5CCFF

 000740

 FFE9FF

 000329

 000113

 000000

■ 1C30E1

■ 1C30E1

■ 051CE1

■ 3344E1

■ 0017E1

■ 4958E1

■ 5F6DE1

■ 7681E1

■ 8C95E1

■ A3A9E1

■ BABEE1

■ D0D2E1

■ E7E6E1

Harmonies

Analogous

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



005DFE



1C30E1



B0009E

Triad

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



1C30E1



9A2000



006956

Complementary

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



1C30E1



E1CD1C

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.



006600



1C30E1



5A5000

Square

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



1C30E1



C50000



006000



006BAA

Rectangle

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



1C30E1



CD0067



006000



006838

Sweetspot

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



1C30E1



BDC3FF



1CE1CA



585C80



000000



808080

Same Dimension

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



1C30E1



001AFF



681CE1



656670



0012B0



000530

Inverse Universe

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



E11C30



FF001A



95E11C



706566



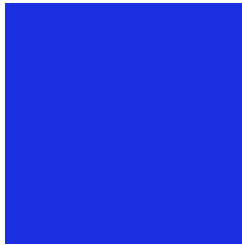
B00012



300005

Previews

White Background



This preview shows how the Hex color 1C30E1 looks on a white background.

Color Contrast Check

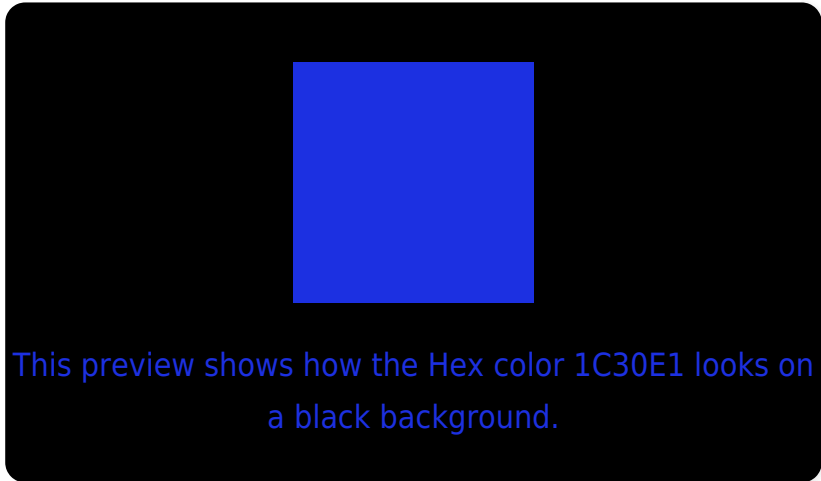
Large Text (above 18pt) WCAG AA ✓ Pass

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

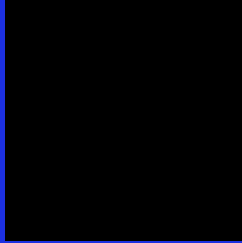
Any Text WCAG AA × Fail

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 1C30E1 Background



This preview shows how black text looks on a background with the Hex color 1C30E1.



This preview shows how white text looks on a background with the Hex color 1C30E1.

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
1C30E1

Protanopia
004C9F

Deuteranopia
005187



Tritanopia
00575B

Trichromacy



Original Color
1C30E1

Protanomaly
0A42B7

Deuteranomaly
0A45A8

Tritanomaly
0A498C

Monochromacy



Original Color
1C30E1

Achromatopsia
3E3E3E

Achromatomaly
323979

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C30E1 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 #1C30E1 looks like.

```
.text, #text, p{  
    color:#1C30E1  
}
```

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 #1C30E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C30E1
}
```

Border

The CSS property to change the border of an element to Hex 1C30E1 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
#1C30E1 }
```

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

```
.border{ border-color:#1C30E1 }
```

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

Here you see how a box with a 4 pixel #1C30E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C30E1; -webkit-box-shadow:4px 4px  
4px 4px #1C30E1; box-shadow:4px 4px 4px  
4px #1C30E1 }
```

Background

The CSS property to change the background color of an element to Hex 1C30E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C30E1 }
```

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

```
.background{ background-color:#1C30E1 }
```

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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