

Converting Colors

Hex(1C46CE)

Have a look what the booklet for
Hex(1C46CE) contains.

Hex(1C46CE)	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(1C46CE)

Conversions

Conversions Part 1

Format	Color
Hex	1C46CE
RGB	28, 70, 206
RGB Percent	11%, 27%, 81%
CMY	0.8902, 0.7255, 0.1922
CMYK	0.86, 0.66, 0.00, 0.19
HSL	226°, 76%, 46%
HSV	226°, 86%, 81%
XYZ	13.8096, 9.0834, 59.4179
YIQ	72.9460, -68.6880, 33.3920

Conversions

Conversions Part 2

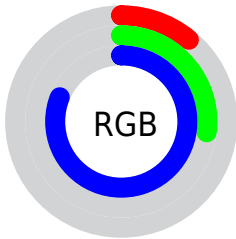
Format	Color
R _Y B	28, 62, 206
Decimal	1853134
CIE Lab	36.14, 38.10, -73.53
CIE LCh	36, 82.815, 297.388
Yxy	9.0834, 0.1678, 0.1104
Android (android.graphics.Color)	4280043214 (0xFF1C46CE)
YUV	72.9460, 65.5956, -39.4176
Hunter-Lab	30.1387, 29.0463, -95.7921

Details

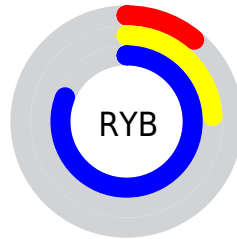
The Hex color **1C46CE** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **CEA41C**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6D76FF**, and **001C96** is the 20% darker color. If you saturate the color by 10%, you get **0736CE**, and if you desaturate by 10%, it is **3156CE**.

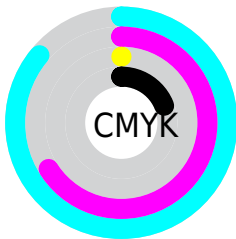
Distribution



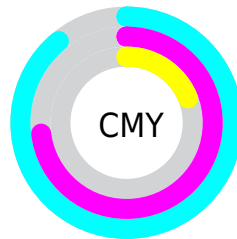
- Red (11%)
- Green (27%)
- Blue (81%)



- Red (11%)
- Yellow (24%)
- Blue (81%)



- Cyan (86%)
- Magenta (66%)
- Yellow (0%)
- Black (19%)



- Cyan (89%)
- Magenta (73%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C46CE 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 1C46CE by changing the saturation by 10% instead.

■ 1C46CE

■ 1C46CE

FFFFFF

■ 0030B2

■ 6D76FF

■ 001C96

■ 8D90FF

■ 000A7C

■ ABAAFF

■ 000062

■ CAC6FF

■ 000949

■ E9E2FF

■ 000431

FFFEFF

■ 00011B

■ 000000

■ 1C46CE

■ 1C46CE

■ 0736CE

■ 3156CE

■ 0031CE

■ 4565CE

■ 5A75CE

■ 6E85CE

■ 8395CE

■ 98A4CE

■ ACB4CE

■ C1C4CE

■ D5D4CE

Harmonies

Analogous

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



0061DD



1C46CE



9A009E

Triad

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



1C46CE



9E2D00



006D4D

Complementary

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



1C46CE



CEA41C

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.



006A00



1C46CE



6E5100

Square

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



1C46CE



BC001E



276200



006E91

Rectangle

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



1C46CE



B80074



276200



006C35

Sweetspot

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



1C46CE



BDCCFF



1CCEA2



586180



000000



808080

Same Dimension

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



1C46CE



003CFF



491CCE



5C5E66



0027A6



000926

Inverse Universe

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



CE1C46



FF003C



A2CE1C



665C5E



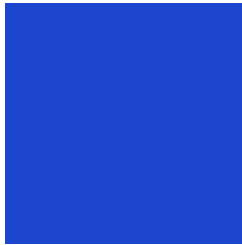
A60027



260009

Previews

White Background



This preview shows how the Hex color 1C46CE looks on a white background.

Color Contrast Check

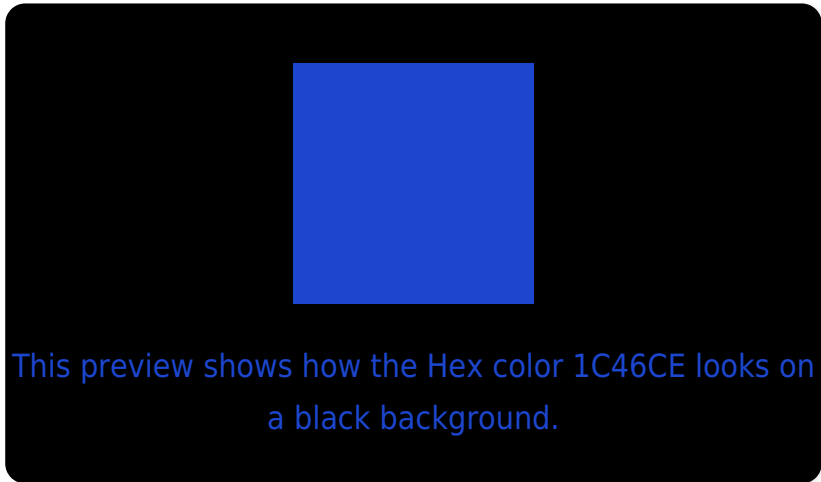
Large Text (above 18pt) WCAG AA ✓ Pass

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

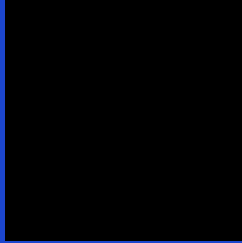
Any Text WCAG AA × Fail

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 1C46CE Background



This preview shows how black text looks on a background with the Hex color 1C46CE.



This preview shows how white text looks on a background with the Hex color 1C46CE.

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
1C46CE

Protanopia
0051AC

Deuteranopia
005793



Tritanopia
005E63

Trichromacy



Original Color
1C46CE

Protanomaly
0A4DB8

Deuteranomaly
0A51A8

Tritanomaly
0A558A

Monochromacy



Original Color
1C46CE

Achromatopsia
494949

Achromatomaly
394879

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C46CE 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 #1C46CE looks like.

```
.text, #text, p{  
    color:#1C46CE  
}
```

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 #1C46CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C46CE
}
```

Border

The CSS property to change the border of an element to Hex 1C46CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

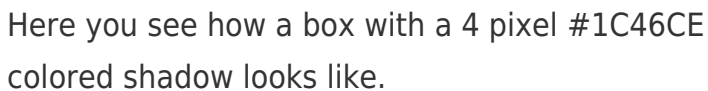
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C46CE }
```

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

```
.border{ border-color:#1C46CE }
```

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



Here you see how a box with a 4 pixel #1C46CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C46CE; -webkit-box-shadow:4px 4px  
4px 4px #1C46CE; box-shadow:4px 4px 4px  
4px #1C46CE }
```

Background

The CSS property to change the background color of an element to Hex 1C46CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C46CE }
```

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

```
.background{ background-color:#1C46CE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor