

Converting Colors

Hex(1C40AC)

Have a look what the booklet for
Hex(1C40AC) contains.

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Color

Hex(1C40AC)

Conversions

Conversions Part 1

Format	Color
Hex	1C40AC
RGB	28, 64, 172
RGB Percent	11%, 25%, 67%
CMY	0.8902, 0.7490, 0.3255
CMYK	0.84, 0.63, 0.00, 0.33
HSL	225°, 72%, 39%
HSV	225°, 84%, 67%
XYZ	9.7587, 6.8922, 39.8457
YIQ	65.5480, -56.1240, 25.9560

Conversions

Conversions Part 2

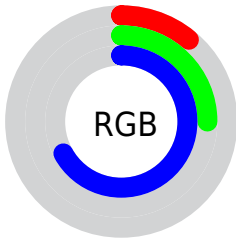
Format	Color
R_{YB}	28, 57, 172
Decimal	1851564
CIE Lab	31.56, 29.13, -61.05
CIE LCh	32, 67.647, 295.504
Yxy	6.8922, 0.1727, 0.1220
Android (android.graphics.Color)	4280041644 (0xFF1C40AC)
YUV	65.5480, 52.4808, -32.9296
Hunter-Lab	26.2530, 20.4085, -71.6106

Details

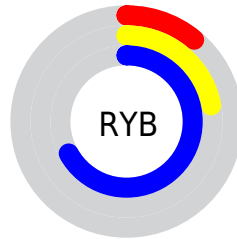
The Hex color **1C40AC** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AC881C**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **646FE4**, and **001776** is the 20% darker color. If you saturate the color by 10%, you get **0B33AC**, and if you desaturate by 10%, it is **2D4DAC**.

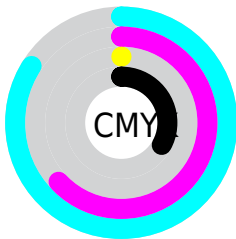
Distribution



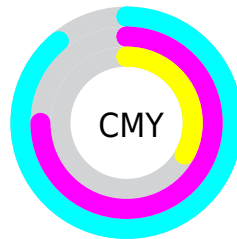
- Red (11%)
- Green (25%)
- Blue (67%)



- Red (11%)
- Yellow (22%)
- Blue (67%)



- Cyan (84%)
- Magenta (63%)
- Yellow (0%)
- Black (33%)



- Cyan (89%)
- Magenta (75%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C40AC 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 1C40AC by changing the saturation by 10% instead.

■ 1C40AC

■ 1C40AC

FFFFFF

■ 002A91

■ 646FE4

■ 001776

■ 8289FF

■ 00005D

■ 9FA3FF

■ 000844

■ BDBEFF

■ 00032D

■ DBDAFF

■ 000118

■ F9F6FF

■ 000000

■ 1C40AC

■ 1C40AC

■ 0B33AC

■ 2D4DAC

■ 002BAC

■ 3E5AAC

■ 5067AC

■ 6174AC

■ 7281AC

■ 838DAC

■ 949AAC

■ A6A7AC

■ B7B4AC

Harmonies

Analogous

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



0054B6



1C40AC



7F1787

Triad

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



1C40AC



892A00



005E40

Complementary

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



1C40AC



AC881C

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.



005B00



1C40AC



624600

Square

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



1C40AC



9F0021



2F5400



005F77

Rectangle

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



1C40AC



980066



2F5400



005E2D

Sweetspot

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



1C40AC



A8B6E0



1CAC88



4F5770



F0F0F0



707070

Same Dimension

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



1C40AC



0038E0



401CAC



4E5057



002696



000617

Inverse Universe

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



AC1C40



E00038



88AC1C



574E50



960026



170006

Previews

White Background



This preview shows how the Hex color 1C40AC looks on a white background.

Color Contrast Check

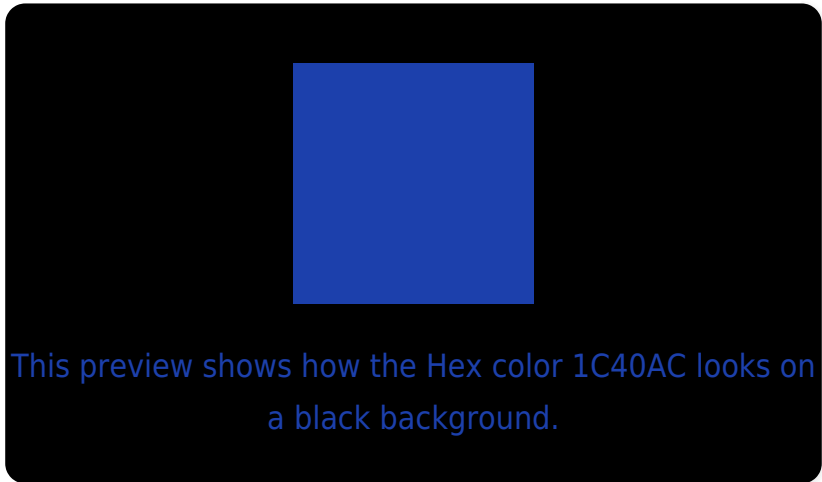
Large Text (above 18pt) WCAG AA ✓ Pass

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

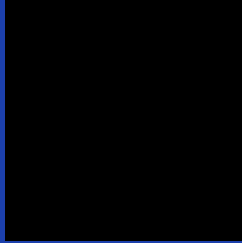
Any Text WCAG AA × Fail

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 1C40AC Background



This preview shows how black text looks on a background with the Hex color 1C40AC.



This preview shows how white text looks on a background with the Hex color 1C40AC.

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
1C40AC

Protanopia
004797

Deuteranopia
004C81

Trichromacy



Original Color
1C40AC

Protanomaly
0A449F

Deuteranomaly
0A4891

Tritanomaly
0A4B76

Monochromacy



Original Color
1C40AC

Achromatopsia
424242

Achromatomaly
344169

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C40AC 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 #1C40AC looks like.

```
.text, #text, p{  
    color:#1C40AC  
}
```

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 #1C40AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C40AC }  
}
```

Border

The CSS property to change the border of an element to Hex 1C40AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

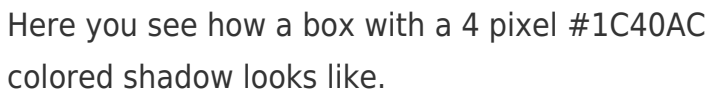
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #1C40AC }  
}
```

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

```
.border{ border-color:#1C40AC }
```

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



Here you see how a box with a 4 pixel #1C40AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C40AC; -webkit-box-shadow:4px 4px  
4px 4px #1C40AC; box-shadow:4px 4px 4px  
4px #1C40AC }
```

Background

The CSS property to change the background color of an element to Hex 1C40AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C40AC }
```

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

```
.background{ background-color:#1C40AC }
```

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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