

Converting Colors

Hex(1C42C6)

Have a look what the booklet for
Hex(1C42C6) contains.

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Color

Hex(1C42C6)

Conversions

Conversions Part 1

Format	Color
Hex	1C42C6
RGB	28, 66, 198
RGB Percent	11%, 26%, 78%
CMY	0.8902, 0.7412, 0.2235
CMYK	0.86, 0.67, 0.00, 0.22
HSL	227°, 75%, 44%
HSV	227°, 86%, 78%
XYZ	12.6201, 8.2205, 54.3476
YIQ	69.6860, -65.0200, 32.9960

Conversions

Conversions Part 2

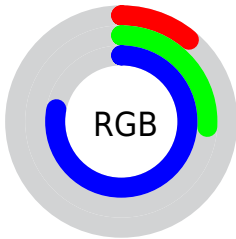
Format	Color
R_{YB}	28, 59, 198
Decimal	1852102
CIE _{Lab}	34.44, 37.68, -71.69
CIE _{LCh}	34, 80.984, 297.725
Yxy	8.2205, 0.1678, 0.1093
Android (android.graphics.Color)	4280042182 (0xFF1C42C6)
YUV	69.6860, 63.2588, -36.5586
Hunter-Lab	28.6715, 28.3943, -92.3160

Details

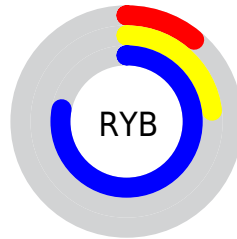
The Hex color **1C42C6** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C6A01C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6B72FF**, and **00188F** is the 20% darker color. If you saturate the color by 10%, you get **0833C6**, and if you desaturate by 10%, it is **3051C6**.

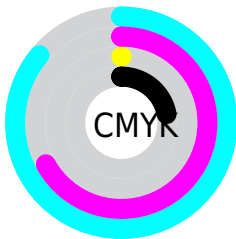
Distribution



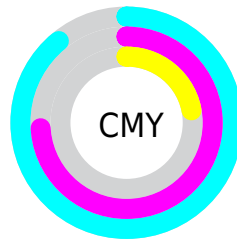
- Red (11%)
- Green (26%)
- Blue (78%)



- Red (11%)
- Yellow (23%)
- Blue (78%)



- Cyan (86%)
- Magenta (67%)
- Yellow (0%)
- Black (22%)



- Cyan (89%)
- Magenta (74%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C42C6 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 1C42C6 by changing the saturation by 10% instead.

■ 1C42C6

■ 1C42C6

FFFFFF

■ 002CAA

■ 6B72FF

■ 00188F

■ 8A8BFF

■ 000574

■ A9A6FF

■ 00035B

■ C7C1FF

■ 000742

■ E6DDFF

■ 00032B

■ FFF9FF

■ 000115

■ 000000

■ 1C42C6

■ 1C42C6

■ 0833C6

■ 3051C6

■ 002CC6

■ 4461C6

■ 5770C6

■ 6B7FC6

■ 7F8FC6

■ 939EC6

■ A7AEC6

■ BABDC6

■ CECCC6

Harmonies

Analogous

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



005DD5



1C42C6



950097

Triad

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



1C42C6



972B00



00684A

Complementary

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



1C42C6



C6A01C

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.



006500



1C42C6



684D00

Square

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



1C42C6



B5001B



235E00



00698C

Rectangle

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



1C42C6



B1006E



235E00



006733

Sweetspot

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



1C42C6



BDCCFF



1CC69E



586180



000000



808080

Same Dimension

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



1C42C6



0039FF



491CC6



5A5C63



0024A3



000824

Inverse Universe

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



C61C42



FF0039



99C61C



635A5C



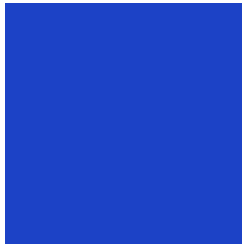
A30024



240008

Previews

White Background



This preview shows how the Hex color 1C42C6 looks on a white background.

Color Contrast Check

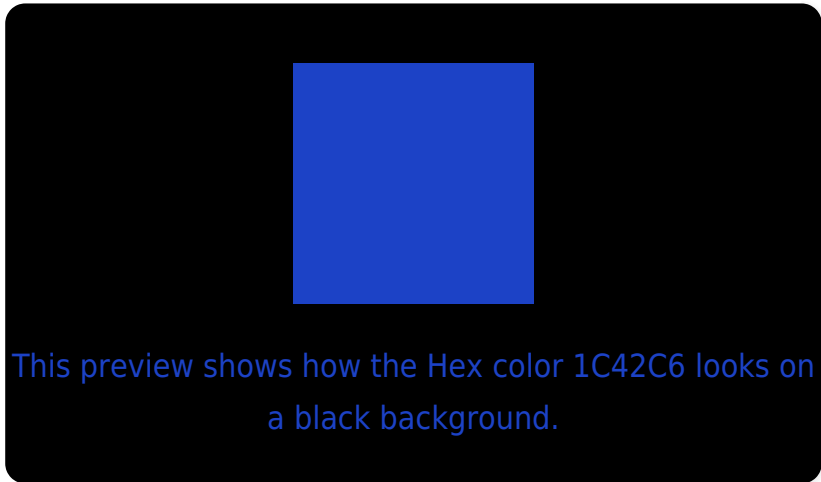
Large Text (above 18pt) WCAG AA ✓ Pass

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

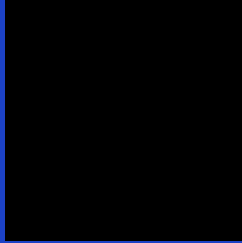
Any Text WCAG AA × Fail

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 1C42C6 Background



This preview shows how black text looks on a background with the Hex color 1C42C6.



This preview shows how white text looks on a background with the Hex color 1C42C6.

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
005A5F

Trichromacy



Original Color
1C42C6

Protanomaly
0A4AB0

Deuteranomaly
0A4DA1

Tritanomaly
0A5184

Monochromacy



Original Color
1C42C6

Achromatopsia
464646

Achromatomaly
374575

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C42C6 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 #1C42C6 looks like.

```
.text, #text, p{  
    color:#1C42C6  
}
```

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 #1C42C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C42C6
}
```

Border

The CSS property to change the border of an element to Hex 1C42C6 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
#1C42C6 }
```

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

```
.border{ border-color:#1C42C6 }
```

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

Here you see how a box with a 4 pixel #1C42C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C42C6; -webkit-box-shadow:4px 4px  
4px 4px #1C42C6; box-shadow:4px 4px 4px  
4px #1C42C6 }
```

Background

The CSS property to change the background color of an element to Hex 1C42C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C42C6 }
```

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

```
.background{ background-color:#1C42C6 }
```

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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