

Converting Colors

Hex(1C3FA9)

Have a look what the booklet for
Hex(1C3FA9) contains.

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Color

Hex(1C3FA9)

Conversions

Conversions Part 1

Format	Color
Hex	1C3FA9
RGB	28, 63, 169
RGB Percent	11%, 25%, 66%
CMY	0.8902, 0.7529, 0.3373
CMYK	0.83, 0.63, 0.00, 0.34
HSL	225°, 72%, 39%
HSV	225°, 83%, 66%
XYZ	9.4178, 6.6665, 38.3265
YIQ	64.6190, -54.8860, 25.5460

Conversions

Conversions Part 2

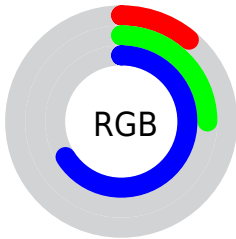
Format	Color
R_{YB}	28, 56, 169
Decimal	1851305
CIE _{Lab}	31.04, 28.63, -60.12
CIE _{LCh}	31, 66.588, 295.467
Yxy	6.6665, 0.1731, 0.1225
Android (android.graphics.Color)	4280041385 (0xFF1C3FA9)
YUV	64.6190, 51.4598, -32.1149
Hunter-Lab	25.8195, 19.9249, -69.9365

Details

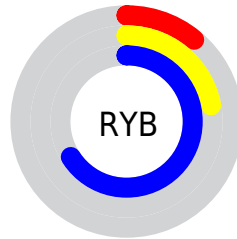
The Hex color **1C3FA9** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A9861C**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **636EE1**, and **001674** is the 20% darker color. If you saturate the color by 10%, you get **0B32A9**, and if you desaturate by 10%, it is **2D4CA9**.

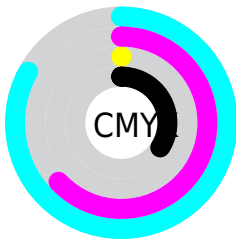
Distribution



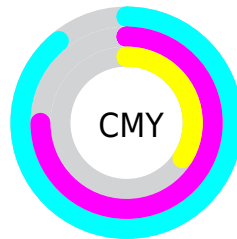
- Red (11%)
- Green (25%)
- Blue (66%)



- Red (11%)
- Yellow (22%)
- Blue (66%)



- Cyan (83%)
- Magenta (63%)
- Yellow (0%)
- Black (34%)



- Cyan (89%)
- Magenta (75%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C3FA9 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 1C3FA9 by changing the saturation by 10% instead.

■ 1C3FA9

■ 1C3FA9

FFFFFF

■ 00298E

■ 636EE1

■ 001674

■ 8188FE

■ 00005A

■ 9EA2FF

■ 000742

■ BCBDFE

■ 00032B

■ D9D8FF

■ 000115

■ F8F5FF

■ 000000

■ 1C3FA9

■ 1C3FA9

■ 0B32A9

■ 2D4CA9

002AA9

3E58A9

4F65A9

6072A9

707FA9

818BA9

9298A9

A3A5A9

B4B1A9

Harmonies

Analogous

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



0053B3



1C3FA9



7D1785

Triad

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



1C3FA9



862900



005D3F

Complementary

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



1C3FA9



A9861C

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.



005A00



1C3FA9



614500

Square

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



1C3FA9



9D0021



2E5300



005E75

Rectangle

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



1C3FA9



960065



2E5300



005C2D

Sweetspot

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



1C3FA9



A4B2DB



1CA986



4D556E



EDEDED



6E6E6E

Same Dimension

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



1C3FA9



0036DB



3F1CA9



4C4E54



002594



000514

Inverse Universe

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



A91C3F



DB0036



86A91C



544C4E



940025



140005

Previews

White Background



This preview shows how the Hex color 1C3FA9 looks on a white background.

Color Contrast Check

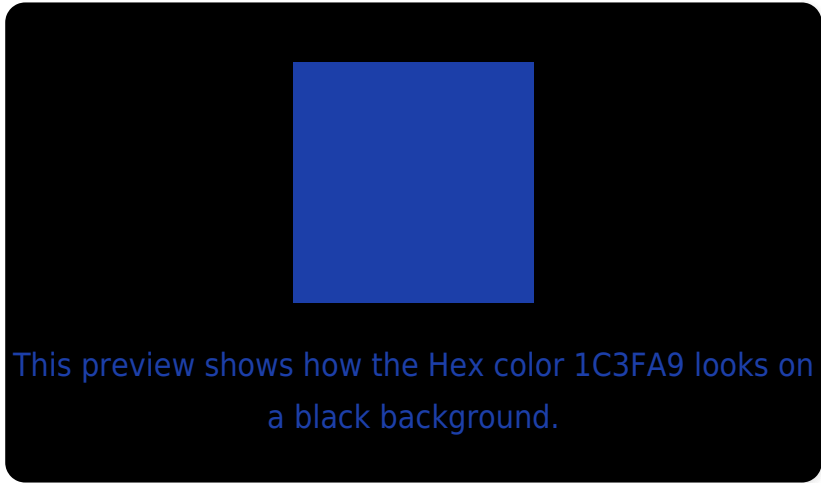
Large Text (above 18pt) WCAG AA ✓ Pass

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

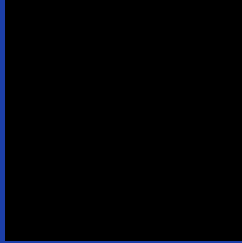
Any Text WCAG AA × Fail

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 1C3FA9 Background



This preview shows how black text looks on a background with the Hex color 1C3FA9.



This preview shows how white text looks on a background with the Hex color 1C3FA9.

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
1C3FA9

Protanopia
004695

Deuteranopia
004B7F

Trichromacy



Original Color
1C3FA9

Protanomaly
0A439C

Deuteranomaly
0A478E

Tritanomaly
0A4A74

Monochromacy



Original Color
1C3FA9

Achromatopsia
414141

Achromatomaly
344067

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C3FA9 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 #1C3FA9 looks like.

```
.text, #text, p{  
    color:#1C3FA9  
}
```

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 #1C3FA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C3FA9
}
```

Border

The CSS property to change the border of an element to Hex 1C3FA9 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
#1C3FA9 }
```

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

```
.border{ border-color:#1C3FA9 }
```

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

Here you see how a box with a 4 pixel #1C3FA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C3FA9; -webkit-box-shadow:4px 4px  
4px 4px #1C3FA9; box-shadow:4px 4px 4px  
4px #1C3FA9 }
```

Background

The CSS property to change the background color of an element to Hex 1C3FA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C3FA9 }
```

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

```
.background{ background-color:#1C3FA9 }
```

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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