

Converting Colors

Hex(1C1FA6)

Have a look what the booklet for
Hex(1C1FA6) contains.

Hex(1C1FA6)	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(1C1FA6)

Conversions

Conversions Part 1

Format	Color
Hex	1C1FA6
RGB	28, 31, 166
RGB Percent	11%, 12%, 65%
CMY	0.8902, 0.8784, 0.3490
CMYK	0.83, 0.81, 0.00, 0.35
HSL	239°, 71%, 38%
HSV	239°, 83%, 65%
XYZ	7.8518, 3.9800, 36.4308
YIQ	45.4930, -45.1230, 41.3490

Conversions

Conversions Part 2

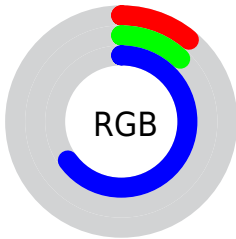
Format	Color
R_{YB}	28, 31, 166
Decimal	1843110
CIE _{Lab}	23.61, 47.05, -70.56
CIE _{LCh}	24, 84.808, 303.695
Yxy	3.9800, 0.1627, 0.0825
Android (android.graphics.Color)	4280033190 (0xFF1C1FA6)
YUV	45.4930, 59.4100, -15.3414
Hunter-Lab	19.9500, 35.3406, -94.3047

Details

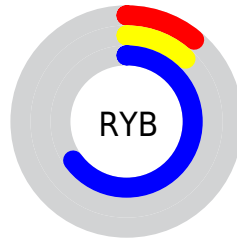
The Hex color **1C1FA6** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **A6A31C**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **654EDE**, and **000071** is the 20% darker color. If you saturate the color by 10%, you get **0B0FA6**, and if you desaturate by 10%, it is **2D2FA6**.

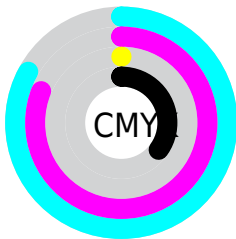
Distribution



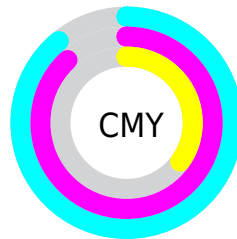
- Red (11%)
- Green (12%)
- Blue (65%)



- Red (11%)
- Yellow (12%)
- Blue (65%)



- Cyan (83%)
- Magenta (81%)
- Yellow (0%)
- Black (35%)



- Cyan (89%)
- Magenta (88%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C1FA6 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 1C1FA6 by changing the saturation by 10% instead.

■ 1C1FA6

■ 1C1FA6

FFFFFF

■ 00078B

■ 654EDE

■ 000071

■ 8367FC

■ 000057

■ A181FF

■ 00063F

■ BF9BFF

■ 000328

■ DDB7FF

■ 000111

■ FCD3FF

■ 000000

■ FFEFFF

■ 1C1FA6

■ 1C1FA6

■ 0B0FA6

■ 2D2FA6

■ 0004A6

■ 3D3FA6

■ 4E50A6

■ 5E60A6

■ 6F70A6

■ 8080A6

■ 9091A6

■ A1A1A6

■ B1B1A6

Harmonies

Analogous

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



0042BD



1C1FA6



830072

Triad

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



1C1FA6



701600



004C3F

Complementary

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



1C1FA6



A6A31C

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.



004A00



1C1FA6



3F3900

Square

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



1C1FA6



910000



004600



004E7F

Rectangle

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



1C1FA6



980049



004600



004C28

Sweetspot

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



1C1FA6



A3A4D9



1CA6A1



4D4D6E



EDEDED



6E6E6E

Same Dimension

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



1C1FA6



0005D9



5C1CA6



4C4C54



000394



000014

Inverse Universe

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



A61C1F



D90005



66A61C



544C4C



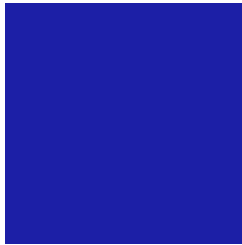
940003



140000

Previews

White Background



This preview shows how the Hex color 1C1FA6 looks on a white background.

Color Contrast Check

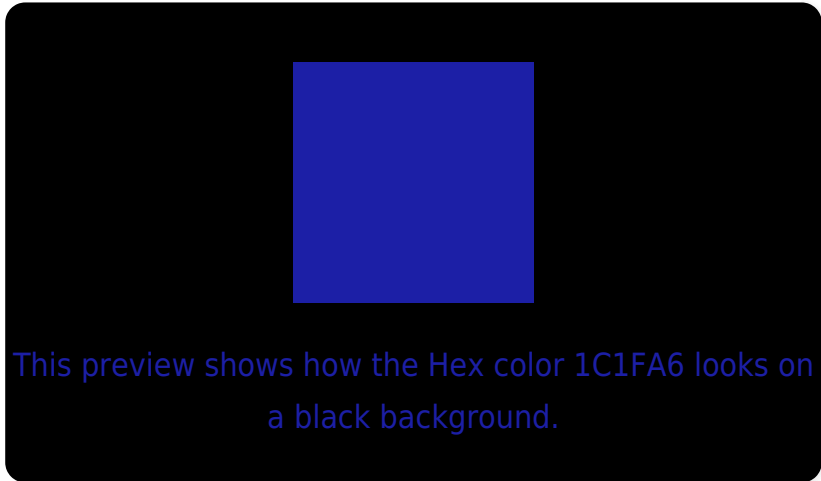
Large Text (above 18pt) WCAG AA ✓ Pass

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

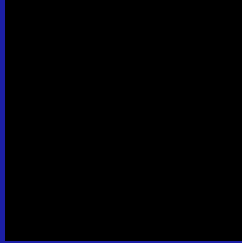
Any Text WCAG AA × Fail

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 1C1FA6 Background



This preview shows how black text looks on a background with the Hex color 1C1FA6.



This preview shows how white text looks on a background with the Hex color 1C1FA6.

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
1C1FA6

Protanopia
003773

Deuteranopia
003A62



Tritanopia
003F42

Trichromacy



Original Color
1C1FA6

Protanomaly
0A2E86

Deuteranomaly
0A307B

Tritanomaly
0A3366

Monochromacy



Original Color
1C1FA6

Achromatopsia
2D2D2D

Achromatomaly
272859

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C1FA6 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 #1C1FA6 looks like.

```
.text, #text, p{  
    color:#1C1FA6  
}
```

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 #1C1FA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C1FA6
}
```

Border

The CSS property to change the border of an element to Hex 1C1FA6 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
#1C1FA6 }
```

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

```
.border{ border-color:#1C1FA6 }
```

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

Here you see how a box with a 4 pixel #1C1FA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C1FA6; -webkit-box-shadow:4px 4px  
4px 4px #1C1FA6; box-shadow:4px 4px 4px  
4px #1C1FA6 }
```

Background

The CSS property to change the background color of an element to Hex 1C1FA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C1FA6 }
```

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

```
.background{ background-color:#1C1FA6 }
```

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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