

Converting Colors

Hex(1B2FAF)

Have a look what the booklet for
Hex(1B2FAF) contains.

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Color

Hex(1B2FAF)

Conversions

Conversions Part 1

Format	Color
Hex	1B2FAF
RGB	27, 47, 175
RGB Percent	11%, 18%, 69%
CMY	0.8941, 0.8157, 0.3137
CMYK	0.85, 0.73, 0.00, 0.31
HSL	232°, 73%, 40%
HSV	232°, 85%, 69%
XYZ	9.2064, 5.3612, 41.1070
YIQ	55.6120, -53.0080, 35.5680

Conversions

Conversions Part 2

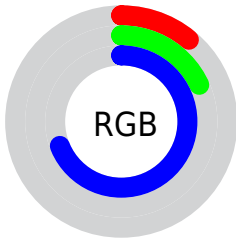
Format	Color
R_{YB}	27, 45, 175
Decimal	1781679
CIE _{Lab}	27.74, 41.09, -69.14
CIE _{LCh}	28, 80.425, 300.725
Yxy	5.3612, 0.1654, 0.0963
Android (android.graphics.Color)	4279971759 (0xFF1B2FAF)
YUV	55.6120, 58.8583, -25.0927
Hunter-Lab	23.1542, 30.4536, -89.0529

Details

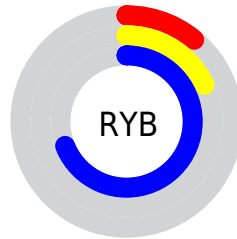
The Hex color **1B2FAF** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **AF9B1B**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **665EE8**, and **000679** is the 20% darker color. If you saturate the color by 10%, you get **0920AF**, and if you desaturate by 10%, it is **2D3EAF**.

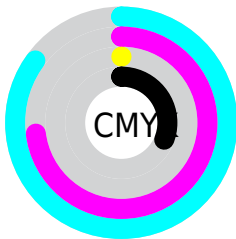
Distribution



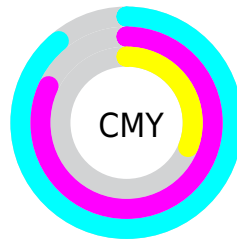
- Red (11%)
- Green (18%)
- Blue (69%)



- Red (11%)
- Yellow (18%)
- Blue (69%)



- Cyan (85%)
- Magenta (73%)
- Yellow (0%)
- Black (31%)



- Cyan (89%)
- Magenta (82%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B2FAF 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 1B2FAF by changing the saturation by 10% instead.

■ 1B2FAF

■ 1B2FAF

FFFFFF

■ 001994

■ 665EE8

■ 000679

■ 8477FF

■ 00005F

■ A291FF

■ 000846

■ C0ABFF

■ 00042F

■ DEC7FF

■ 000119

■ FDE3FF

■ 000000

■ 1B2FAF

■ 1B2FAF

■ 0920AF

■ 2D3EAF

0018AF

3E4DAF

505CAF

616CAF

737BAF

848AAF

9699AF

A7A8AF

B9B7AF

Harmonies

Analogous

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



004CC1



1B2FAF



87007F

Triad

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



1B2FAF



7E1F00



005642

Complementary

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



1B2FAF



AF9B1B

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.



005400



1B2FAF



504000

Square

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



1B2FAF



9D0004



004E00



005880

Rectangle

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



1B2FAF



9F0058



004E00



00562B

Sweetspot

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



1B2FAF



AAB2E3



1BAF99



505573



F2F2F2



737373

Same Dimension

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



1B2FAF



001FE3



4F1BAF



4E4F57



001496



000317

Inverse Universe

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



AF1B2F



E3001F



7BAF1B



574E4F



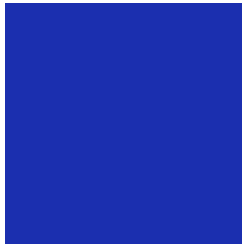
960014



170003

Previews

White Background



This preview shows how the Hex color 1B2F9F looks on a white background.

Color Contrast Check

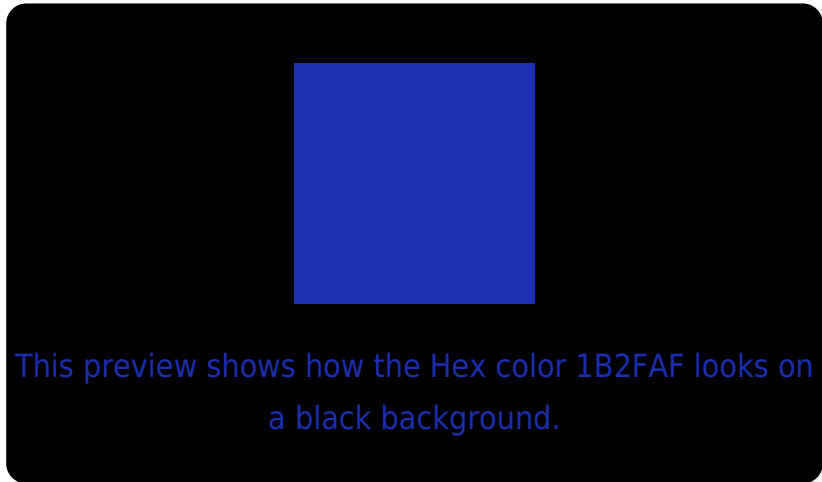
Large Text (above 18pt) WCAG AA ✓ Pass

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

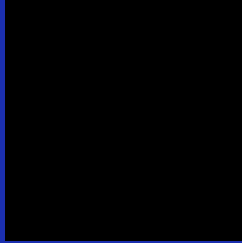
Any Text WCAG AA × Fail

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 1B2FAF Background



This preview shows how black text looks on a background with the Hex color 1B2FAF.



This preview shows how white text looks on a background with the Hex color 1B2FAF.

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
1B2FAF

Protanopia
003F85

Deuteranopia
004371



Tritanopia
00494D

Trichromacy



Original Color
1B2FAF

Protanomaly
0A3994

Deuteranomaly
0A3C88

Tritanomaly
0A4071

Monochromacy



Original Color
1B2FAF

Achromatopsia
383838

Achromatomaly
2D3563

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B2FAF 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 #1B2FAF looks like.

```
.text, #text, p{  
    color:#1B2FAF  
}
```

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 #1B2FAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B2FAF
}
```

Border

The CSS property to change the border of an element to Hex 1B2FAF 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
#1B2FAF }
```

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

```
.border{ border-color:#1B2FAF }
```

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

Here you see how a box with a 4 pixel #1B2FAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B2FAF; -webkit-box-shadow:4px 4px  
4px 4px #1B2FAF; box-shadow:4px 4px 4px  
4px #1B2FAF }
```

Background

The CSS property to change the background color of an element to Hex 1B2FAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B2FAF }
```

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

```
.background{ background-color:#1B2FAF }
```

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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