

Converting Colors

Hex(1B34AD)

Have a look what the booklet for
Hex(1B34AD) contains.

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Color

Hex(1B34AD)

Conversions

Conversions Part 1

Format	Color
Hex	1B34AD
RGB	27, 52, 173
RGB Percent	11%, 20%, 68%
CMY	0.8941, 0.7961, 0.3216
CMYK	0.84, 0.70, 0.00, 0.32
HSL	230°, 73%, 39%
HSV	230°, 84%, 68%
XYZ	9.2228, 5.7061, 40.1505
YIQ	58.3190, -53.7410, 32.3310

Conversions

Conversions Part 2

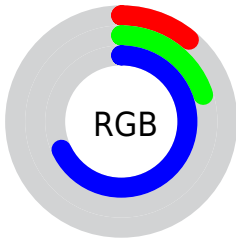
Format	Color
RYB	27, 48, 173
Decimal	1782957
CIELab	28.66, 37.27, -66.42
CIELCh	29, 76.162, 299.296
Yxy	5.7061, 0.1674, 0.1036
Android (android.graphics.Color)	4279973037 (0xFF1B34AD)
YUV	58.3190, 56.5377, -27.4668
Hunter-Lab	23.8875, 27.1146, -82.9343

Details

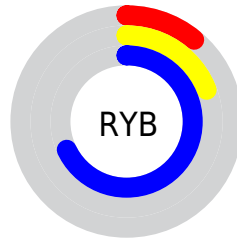
The Hex color **1B34AD** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **AD941B**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **6563E6**, and **000C77** is the 20% darker color. If you saturate the color by 10%, you get **0A26AD**, and if you desaturate by 10%, it is **2C42AD**.

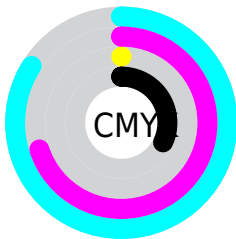
Distribution



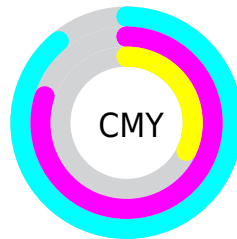
- Red (11%)
- Green (20%)
- Blue (68%)



- Red (11%)
- Yellow (19%)
- Blue (68%)



- Cyan (84%)
- Magenta (70%)
- Yellow (0%)
- Black (32%)



- Cyan (89%)
- Magenta (80%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B34AD 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 1B34AD by changing the saturation by 10% instead.

■ 1B34AD

■ 1B34AD

FFFFFF

■ 001F92

■ 6563E6

■ 000C77

■ 837CFF

■ 00005E

■ A196FF

■ 000845

■ BFB1FF

■ 00032E

■ DDCCFF

■ 000118

■ FBE8FF

■ 000000

■ 1B34AD

■ 1B34AD

■ 0A26AD

■ 2C42AD

■ 001EAD

■ 3E51AD

■ 4F5FAD

■ 606DAD

■ 717CAD

■ 838AAD

■ 9498AD

■ A5A7AD

■ B7B5AD

Harmonies

Analogous

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



004EBD



1B34AD



840081

Triad

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



1B34AD



802200



005841

Complementary

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



1B34AD



AD941B

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.



005600



1B34AD



554200

Square

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



1B34AD



9D000F



0E5000



00597D

Rectangle

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



1B34AD



9C005B



0E5000



00572C

Sweetspot

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



1B34AD



A8B2E0



1BAD92



4F5470



F0F0F0



707070

Same Dimension

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



1B34AD



0026E0



491BAD



4E5057



001A96



000417

Inverse Universe

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



AD1B34



E00026



7FAD1B



574E50



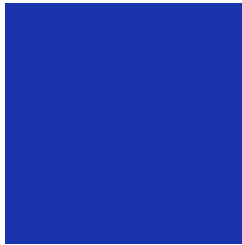
96001A



170004

Previews

White Background



This preview shows how the Hex color 1B34AD looks on a white background.

Color Contrast Check

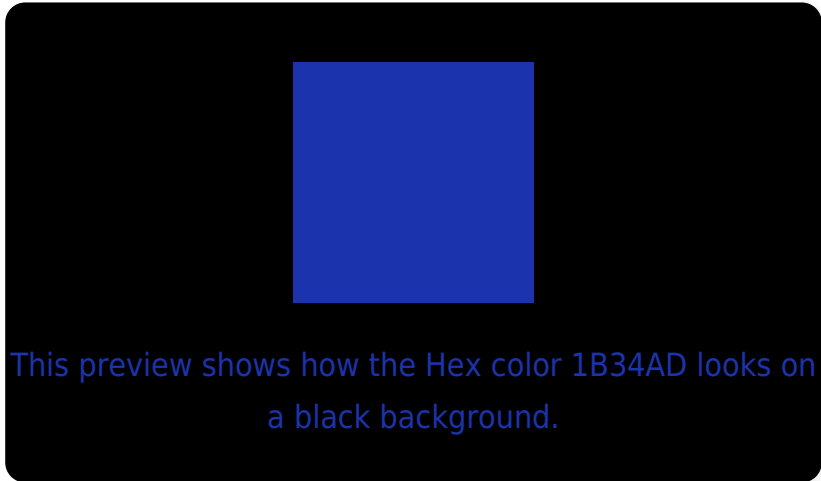
Large Text (above 18pt) WCAG AA ✓ Pass

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

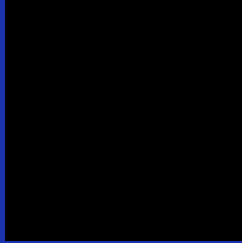
Any Text WCAG AA × Fail

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 1B34AD Background



This preview shows how black text looks on a background with the Hex color 1B34AD.

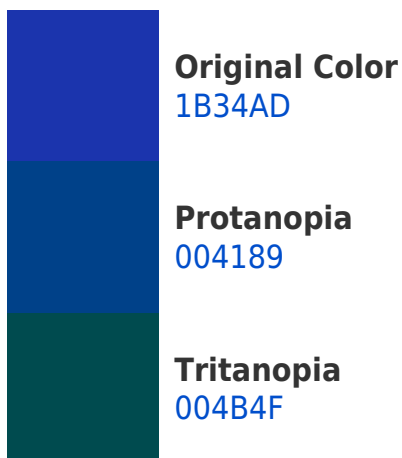


This preview shows how white text looks on a background with the Hex color 1B34AD.

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



Trichromacy



Original Color
1B34AD

Protanomaly
0A3C96

Tritanomaly
0A4371

Monochromacy



Original Color
1B34AD

Achromatopsia
3A3A3A

Achromatomaly
2F3864

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B34AD 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 #1B34AD looks like.

```
.text, #text, p{  
    color:#1B34AD  
}
```

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 #1B34AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B34AD
}
```

Border

The CSS property to change the border of an element to Hex 1B34AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

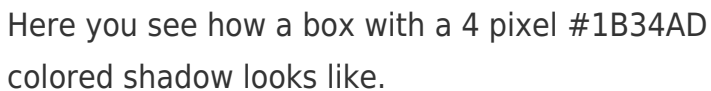
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B34AD }
```

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

```
.border{ border-color:#1B34AD }
```

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



Here you see how a box with a 4 pixel #1B34AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B34AD; -webkit-box-shadow:4px 4px  
4px 4px #1B34AD; box-shadow:4px 4px 4px  
4px #1B34AD }
```

Background

The CSS property to change the background color of an element to Hex 1B34AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B34AD }
```

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

```
.background{ background-color:#1B34AD }
```

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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