

Converting Colors

Hex(1B47AF)

Have a look what the booklet for
Hex(1B47AF) contains.

Hex(1B47AF)	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>	28

Color

Hex(1B47AF)

Conversions

Conversions Part 1

Format	Color
Hex	1B47AF
RGB	27, 71, 175
RGB Percent	11%, 28%, 69%
CMY	0.8941, 0.7216, 0.3137
CMYK	0.85, 0.59, 0.00, 0.31
HSL	222°, 73%, 40%
HSV	222°, 85%, 69%
XYZ	10.4431, 7.8346, 41.5193
YIQ	69.7000, -59.6080, 23.0160

Conversions

Conversions Part 2

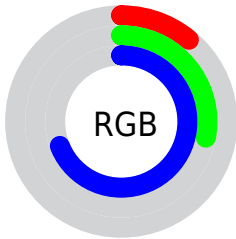
Format	Color
R _Y B	27, 61, 175
Decimal	1787823
CIE Lab	33.64, 25.53, -59.45
CIE LCh	34, 64.701, 293.240
Yxy	7.8346, 0.1746, 0.1310
Android (android.graphics.Color)	4279977903 (0xFF1B47AF)
YUV	69.7000, 51.9129, -37.4479
Hunter-Lab	27.9904, 17.6143, -68.3539

Details

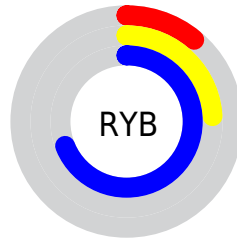
The Hex color **1B47AF** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AF831B**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6477E7**, and **001D79** is the 20% darker color. If you saturate the color by 10%, you get **093BAF**, and if you desaturate by 10%, it is **2D53AF**.

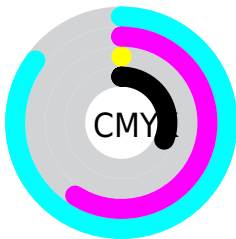
Distribution



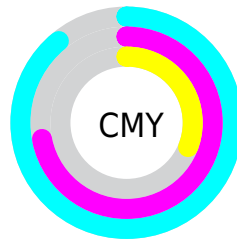
- Red (11%)
- Green (28%)
- Blue (69%)



- Red (11%)
- Yellow (24%)
- Blue (69%)



- Cyan (85%)
- Magenta (59%)
- Yellow (0%)
- Black (31%)



- Cyan (89%)
- Magenta (72%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B47AF 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 1B47AF by changing the saturation by 10% instead.

■ 1B47AF

■ 1B47AF

FFFFFF

■ 003194

■ 6477E7

■ 001D79

■ 8290FF

■ 000860

■ 9FABFF

■ 000847

■ BDC6FF

■ 000430

■ DBE2FF

■ 00011A

■ F9FFFF

■ 000000

■ 1B47AF

■ 1B47AF

■ 093BAF

■ 2D53AF

0034AF

3E60AF

506CAF

6178AF

7384AF

8491AF

969DAF

A7A9AF

B9B6AF

Harmonies

Analogous

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



005AB7



1B47AF



7F268D

Triad

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



1B47AF



8F2F00



006341

Complementary

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



1B47AF



AF831B

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.



006002



1B47AF



6B4900

Square

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



1B47AF



A3002B



3B5800



006477

Rectangle

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



1B47AF



99006E



3B5800



00622F

Sweetspot

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



1B47AF



AABBE3



1BAF83



505B73



F2F2F2



737373

Same Dimension

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



1B47AF



0043E3



391BAF



4E5157



002D96



000717

Inverse Universe

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



AF1B47



E30043



91AF1B



574E51



96002D



170007

Previews

White Background



This preview shows how the Hex color 1B47AF looks on a white background.

Color Contrast Check

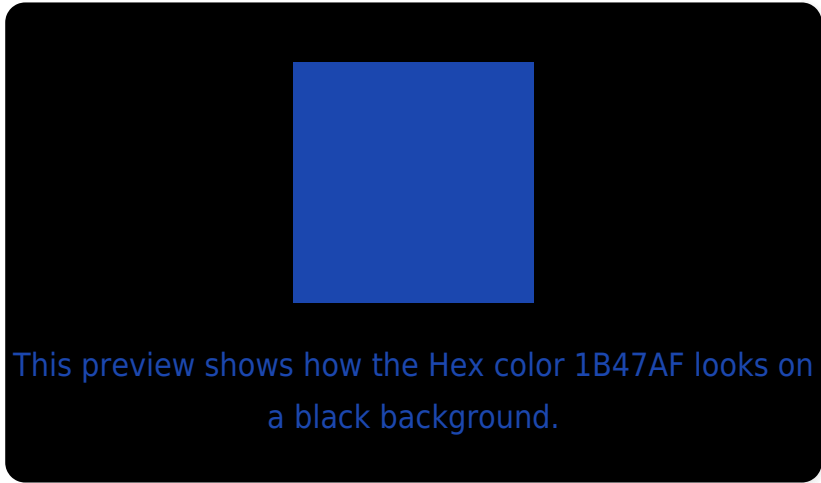
Large Text (above 18pt) WCAG AA ✓ Pass

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

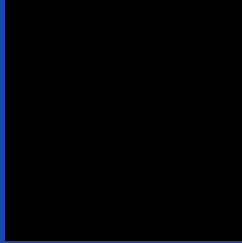
Any Text WCAG AA × Fail

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 1B47AF Background



This preview shows how black text looks on a background with the Hex color 1B47AF.

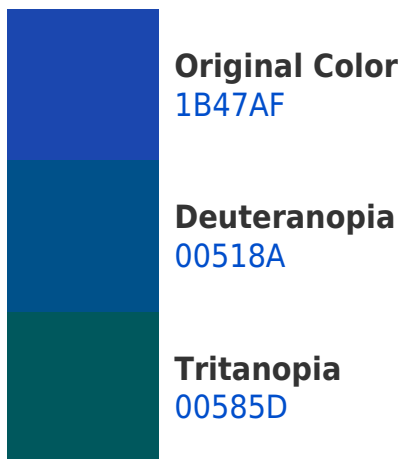


This preview shows how white text looks on a background with the Hex color 1B47AF.

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
1B47AF

Deuteranomaly
0A4D97

Tritanomaly
0A527B

Monochromacy



Original Color
1B47AF

Achromatopsia
464646

Achromatomaly
36466C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B47AF 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 #1B47AF looks like.

```
.text, #text, p{  
    color:#1B47AF  
}
```

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 #1B47AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B47AF
}
```

Border

The CSS property to change the border of an element to Hex 1B47AF 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
#1B47AF }
```

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

```
.border{ border-color:#1B47AF }
```

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

Here you see how a box with a 4 pixel #1B47AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B47AF; -webkit-box-shadow:4px 4px  
4px 4px #1B47AF; box-shadow:4px 4px 4px  
4px #1B47AF }
```

Background

The CSS property to change the background color of an element to Hex 1B47AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B47AF }
```

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

```
.background{ background-color:#1B47AF }
```

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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