

Converting Colors

Hex(1B3B80)

Have a look what the booklet for
Hex(1B3B80) contains.

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Color

Hex(1B3B80)

Conversions

Conversions Part 1

Format	Color
Hex	1B3B80
RGB	27, 59, 128
RGB Percent	11%, 23%, 50%
CMY	0.8941, 0.7686, 0.4980
CMYK	0.79, 0.54, 0.00, 0.50
HSL	221°, 65%, 30%
HSV	221°, 79%, 50%
XYZ	5.9122, 4.9195, 21.0600
YIQ	57.2980, -41.2210, 14.6750

Conversions

Conversions Part 2

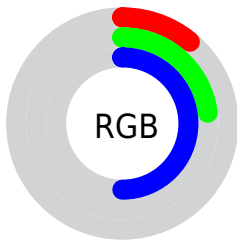
Format	Color
R_{YB}	27, 51, 128
Decimal	1784704
CIE _{Lab}	26.50, 14.90, -42.38
CIE _{LCh}	27, 44.925, 289.375
Yxy	4.9195, 0.1854, 0.1543
Android (android.graphics.Color)	4279974784 (0xFF1B3B80)
YUV	57.2980, 34.8561, -26.5713
Hunter-Lab	22.1798, 8.7661, -40.7706

Details

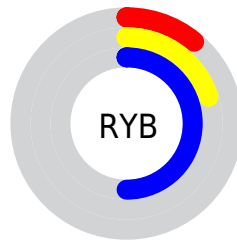
The Hex color **1B3B80** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **80601B**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **576AB5**, and **00124E** is the 20% darker color. If you saturate the color by 10%, you get **0E3280**, and if you desaturate by 10%, it is **284480**.

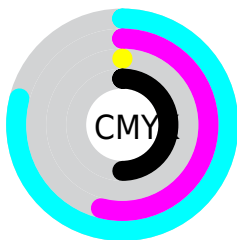
Distribution



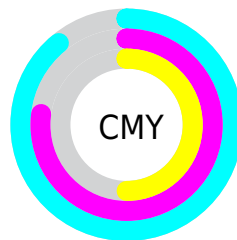
- Red (11%)
- Green (23%)
- Blue (50%)



- Red (11%)
- Yellow (20%)
- Blue (50%)



- Cyan (79%)
- Magenta (54%)
- Yellow (0%)
- Black (50%)



- Cyan (89%)
- Magenta (77%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B3B80 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 1B3B80 by changing the saturation by 10% instead.

■ 1B3B80

■ 1B3B80

FFFFFF

■ 002667

■ 576AB5

■ 00124E

■ 7383D1

■ 000537

■ 8F9DEE

■ 000220

■ ABB7FF

■ 000005

■ C7D3FF

■ 000000

■ E4EFFF

■ 1B3B80

■ 1B3B80

■ 0E3280

■ 284480

■ 012A80

■ 354C80

■ 002980

■ 415580

■ 4E5E80

■ 5B6780

■ 686F80

■ 757880

■ 818180

■ 8E8A80

Harmonies

Analogous

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



004683



1B3B80



5B2A6C

Triad

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



1B3B80



6E2909



004D31

Complementary

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



1B3B80



80601B

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.



014A0C



1B3B80



583900

Square

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



1B3B80



7A172A



394400



004E55

Rectangle

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



1B3B80



6F1D58



394400



004C25

Sweetspot

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



1B3B80



7E8BA6



1B805E



3C4354



D4D4D4



545454

Same Dimension

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



1B3B80



083AA6



2C1B80



393B40



002880



000000

Inverse Universe

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



801B3B



A6083A



6F801B



40393B



800028



000000

Previews

White Background



This preview shows how the Hex color 1B3B80 looks on a white background.

Color Contrast Check

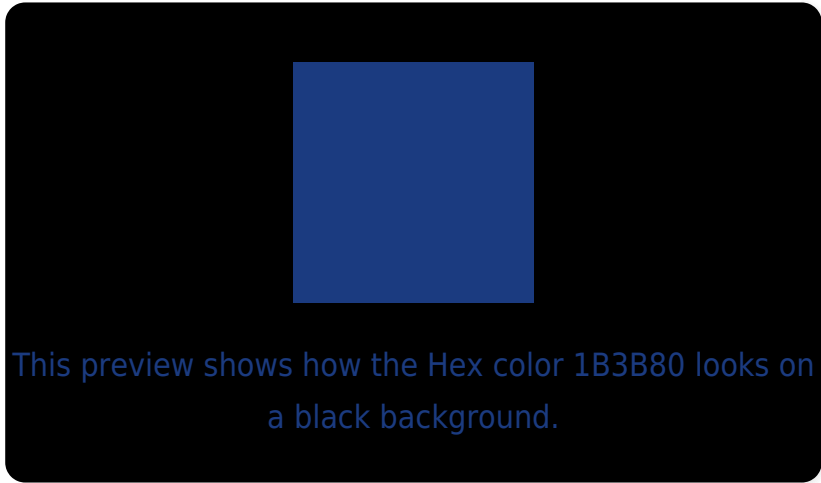
Large Text (above 18pt) WCAG AA ✓ Pass

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

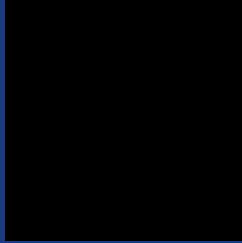
Any Text WCAG AA × Fail

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 1B3B80 Background



This preview shows how black text looks on a background with the Hex color 1B3B80.



This preview shows how white text looks on a background with the Hex color 1B3B80.

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
1B3B80

Protanopia
003C81

Deuteranopia
00406F



Tritanopia
00464A

Trichromacy



Original Color
1B3B80

Protanomaly
0A3C81

Deuteranomaly
0A3E75

Tritanomaly
0A425E

Monochromacy



Original Color
1B3B80

Achromatopsia
393939

Achromatomaly
2E3A53

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B3B80 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 #1B3B80 looks like.

```
.text, #text, p{  
    color:#1B3B80  
}
```

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 #1B3B80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B3B80
}
```

Border

The CSS property to change the border of an element to Hex 1B3B80 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
#1B3B80 }
```

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

```
.border{ border-color:#1B3B80 }
```

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

Here you see how a box with a 4 pixel #1B3B80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B3B80; -webkit-box-shadow:4px 4px  
4px 4px #1B3B80; box-shadow:4px 4px 4px  
4px #1B3B80 }
```

Background

The CSS property to change the background color of an element to Hex 1B3B80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B3B80 }
```

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

```
.background{ background-color:#1B3B80 }
```

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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