

Converting Colors

Hex(1B238B)

Have a look what the booklet for
Hex(1B238B) contains.

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Color

Hex(1B238B)

Conversions

Conversions Part 1

Format	Color
Hex	1B238B
RGB	27, 35, 139
RGB Percent	11%, 14%, 55%
CMY	0.8941, 0.8627, 0.4549
CMYK	0.81, 0.75, 0.00, 0.45
HSL	236°, 67%, 33%
HSV	236°, 81%, 55%
XYZ	5.7132, 3.2992, 24.7618
YIQ	44.4640, -38.1520, 30.6480

Conversions

Conversions Part 2

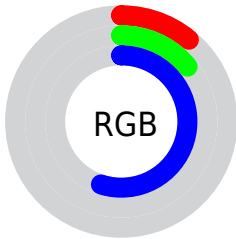
Format	Color
RYB	27, 34, 139
Decimal	1778571
CIELab	21.20, 35.50, -57.93
CIElCh	21, 67.944, 301.499
Yxy	3.2992, 0.1692, 0.0977
Android (android.graphics.Color)	4279968651 (0xFF1B238B)
YUV	44.4640, 46.6062, -15.3159
Hunter-Lab	18.1636, 24.3597, -68.1135

Details

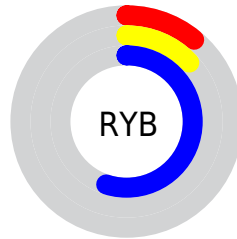
The Hex color **1B238B** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8B831B**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5C51C2**, and **000058** is the 20% darker color. If you saturate the color by 10%, you get **0D168B**, and if you desaturate by 10%, it is **29308B**.

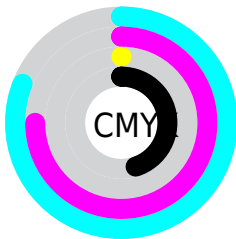
Distribution



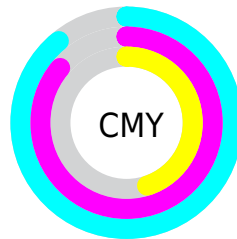
- Red (11%)
- Green (14%)
- Blue (55%)



- Red (11%)
- Yellow (13%)
- Blue (55%)



- Cyan (81%)
- Magenta (75%)
- Yellow (0%)
- Black (45%)



- Cyan (89%)
- Magenta (86%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B238B 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 1B238B by changing the saturation by 10% instead.

 1B238B

 1B238B

FFFFFF

 000E71

 5C51C2

 000058

 7969DE

 00063F

 9682FB

 000328

 B39DFF

 000112

 D0B8FF

 000000

 EED3FF

 FFF0FF

 1B238B

 1B238B

■ 0D168B

■ 29308B

■ 000A8B

■ 373D8B

■ 454A8B

■ 53578B

■ 61648B

■ 6E708B

■ 7C7D8B

■ 8A8A8B

■ 98978B

Harmonies

Analogous

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



003B9B



1B238B



6C0064

Triad

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



1B238B



631800



004434

Complementary

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



1B238B



8B831B

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.



004200



1B238B



3E3300

Square

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



1B238B



7D0000



003E00



004567

Rectangle

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



1B238B



7F0044



003E00



004422

Sweetspot

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



1B238B



8A8DB5



1B8B82



41435C



DBDBDB



5C5C5C

Same Dimension

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



1B238B



0512B5



4A1B8B



3E3E45



000985



000005

Inverse Universe

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



8B1B23



B50512



5C8B1B



453E3E



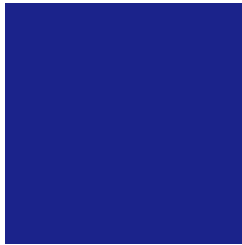
850009



050000

Previews

White Background



This preview shows how the Hex color 1B238B looks on a white background.

Color Contrast Check

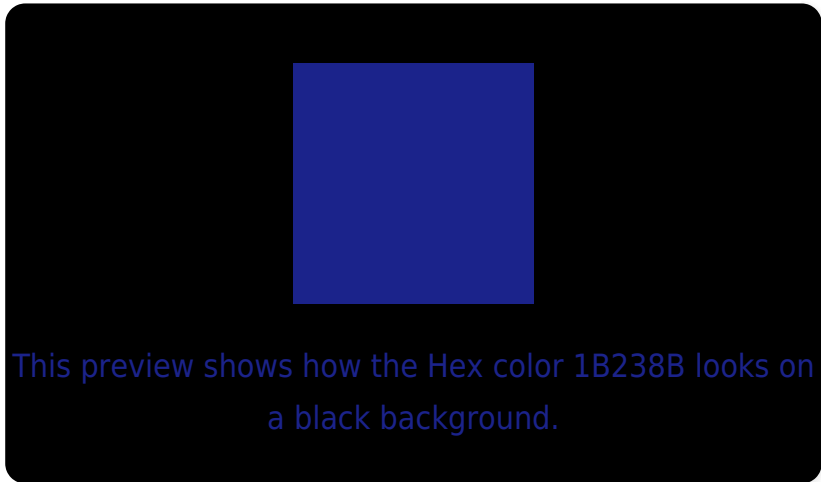
Large Text (above 18pt) WCAG AA ✓ Pass

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

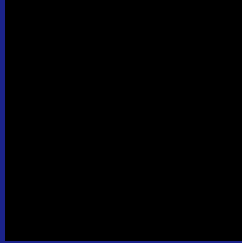
Any Text WCAG AA × Fail

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 1B238B Background



This preview shows how black text looks on a background with the Hex color 1B238B.

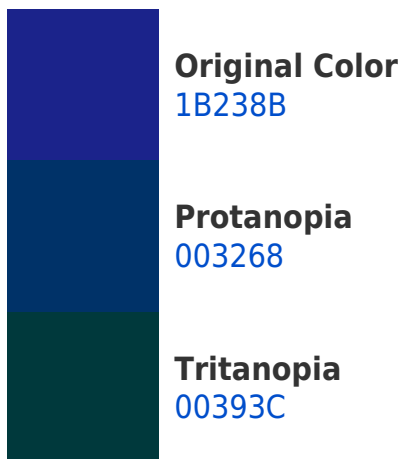


This preview shows how white text looks on a background with the Hex color 1B238B.

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
1B238B

Protanomaly
0A2D75

Tritanomaly
0A3159

Monochromacy



Original Color
1B238B

Achromatopsia
2C2C2C

Achromatomaly
26294F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B238B 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 #1B238B looks like.

```
.text, #text, p{  
    color:#1B238B  
}
```

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 #1B238B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B238B
}
```

Border

The CSS property to change the border of an element to Hex 1B238B 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
#1B238B }
```

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

```
.border{ border-color:#1B238B }
```

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

Here you see how a box with a 4 pixel #1B238B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B238B; -webkit-box-shadow:4px 4px  
4px 4px #1B238B; box-shadow:4px 4px 4px  
4px #1B238B }
```

Background

The CSS property to change the background color of an element to Hex 1B238B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B238B }
```

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

```
.background{ background-color:#1B238B }
```

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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