

Converting Colors

Hex(1B08DE)

Have a look what the booklet for
Hex(1B08DE) contains.

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Color

Hex(1B08DE)

Conversions

Conversions Part 1

Format	Color
Hex	1B08DE
RGB	27, 8, 222
RGB Percent	11%, 3%, 87%
CMY	0.8941, 0.9686, 0.1294
CMYK	0.88, 0.96, 0.00, 0.13
HSL	245°, 93%, 45%
HSV	245°, 96%, 87%
XYZ	13.7236, 5.6806, 69.4804
YIQ	38.0770, -57.3700, 70.5820

Conversions

Conversions Part 2

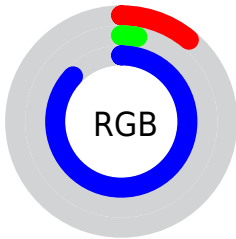
Format	Color
RYB	27, 8, 222
Decimal	1771742
CIELab	28.59, 70.10, -95.30
CIELCh	29, 118.309, 306.337
Yxy	5.6806, 0.1544, 0.0639
Android (android.graphics.Color)	4279961822 (0xFF1B08DE)
YUV	38.0770, 90.6740, -9.7145
Hunter-Lab	23.8340, 61.0709, -156.1571

Details

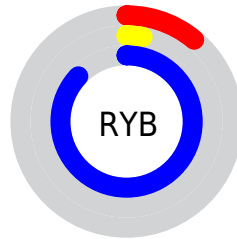
The Hex color **1B08DE** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **CBDE08**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **7546FF**, and **0000A5** is the 20% darker color. If you saturate the color by 10%, you get **1400DE**, and if you desaturate by 10%, it is **2F1EDE**.

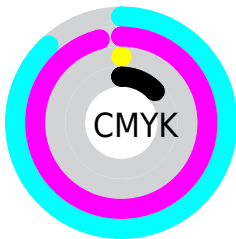
Distribution



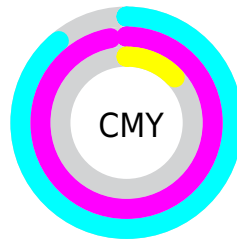
- Red (11%)
- Green (3%)
- Blue (87%)



- Red (11%)
- Yellow (3%)
- Blue (87%)



- Cyan (88%)
- Magenta (96%)
- Yellow (0%)
- Black (13%)



- Cyan (89%)
- Magenta (97%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B08DE 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 1B08DE by changing the saturation by 10% instead.

 1B08DE

 1B08DE

FFFFFF

 0000C1

 7546FF

 0000A5

 9761FF

 00008A

 B87CFF

 00046F

 D897FF

 000C55

 F8B3FF

 00063D

 FFD0FF

 000326

 FFEDFF

 00010F

 000000

■ 1B08DE

■ 1B08DE

■ 1400DE

■ 2F1EDE

■ 4334DE

■ 584BDE

■ 6C61DE

■ 8077DE

■ 948DDE

■ A9A3DE

■ BDBADE

■ D1D0DE

Harmonies

Analogous

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



0052FF



1B08DE



B3008F

Triad

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



1B08DE



891000



005D56

Complementary

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



1B08DE



CBDE08

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.



005A00



1B08DE



424800

Square

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



1B08DE



BB0000



005600



0060B2

Rectangle

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



1B08DE



CD0054



005600



005C36

Sweetspot

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



1B08DE



BCB5FF



08CCDE



575380



000000



808080

Same Dimension

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



1B08DE



1700FF



8508DE



666570



1000B0



040030

Inverse Universe

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



DE08CB



FF00E8



61DE08



70656F



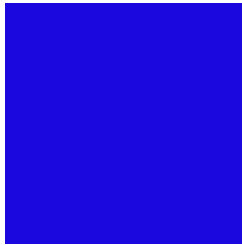
B000A0



30002C

Previews

White Background



This preview shows how the Hex color 1B08DE looks on a white background.

Color Contrast Check

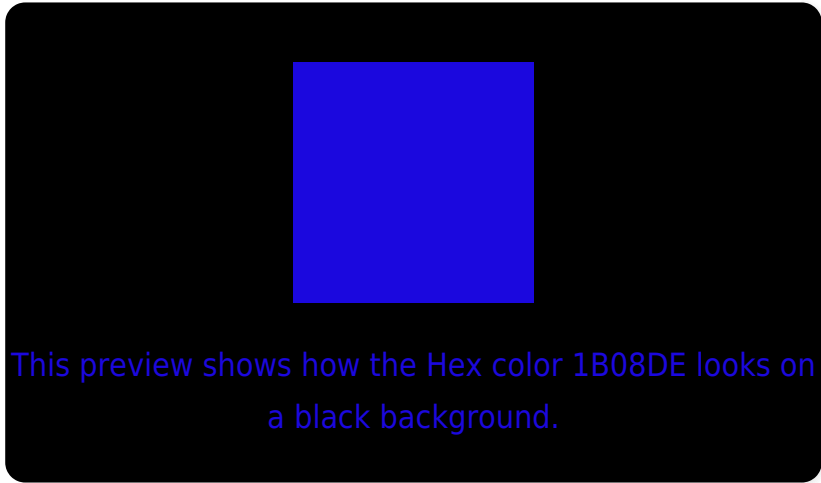
Large Text (above 18pt) WCAG AA ✓ Pass

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

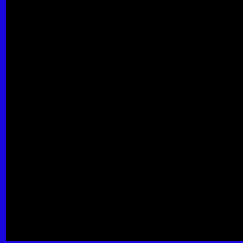
Any Text WCAG AA × Fail

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 1B08DE Background



This preview shows how black text looks on a background with the Hex color 1B08DE.



This preview shows how white text looks on a background with the Hex color 1B08DE.

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
1B08DE

Protanopia
00428A

Deuteranopia
004675



Tritanopia
004C4F

Trichromacy



Original Color
1B08DE

Protanomaly
0A2DA9

Deuteranomaly
0A2F9B

Tritanomaly
0A3383

Monochromacy



Original Color
1B08DE

Achromatopsia
262626

Achromatomaly
221B69

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B08DE 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 #1B08DE looks like.

```
.text, #text, p{  
    color:#1B08DE  
}
```

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 #1B08DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B08DE
}
```

Border

The CSS property to change the border of an element to Hex 1B08DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

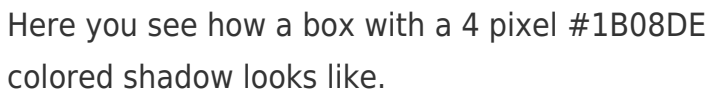
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B08DE }
```

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

```
.border{ border-color:#1B08DE }
```

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



Here you see how a box with a 4 pixel #1B08DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B08DE; -webkit-box-shadow:4px 4px  
4px 4px #1B08DE; box-shadow:4px 4px 4px  
4px #1B08DE }
```

Background

The CSS property to change the background color of an element to Hex 1B08DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B08DE }
```

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

```
.background{ background-color:#1B08DE }
```

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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