

Converting Colors

Hex(1B0867)

Have a look what the booklet for
Hex(1B0867) contains.

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Color

Hex(1B0867)

Conversions

Conversions Part 1

Format	Color
Hex	1B0867
RGB	27, 8, 103
RGB Percent	11%, 3%, 40%
CMY	0.8941, 0.9686, 0.5961
CMYK	0.74, 0.92, 0.00, 0.60
HSL	252°, 86%, 22%
HSV	252°, 92%, 40%
XYZ	2.9870, 1.3860, 12.9420
YIQ	24.5110, -19.1710, 33.5730

Conversions

Conversions Part 2

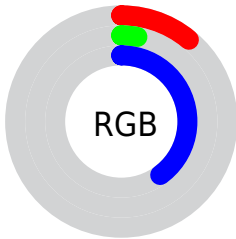
Format	Color
R_{YB}	27, 8, 103
Decimal	1771623
CIE _{Lab}	11.86, 37.68, -50.29
CIE _{LCh}	12, 62.846, 306.843
Yxy	1.3860, 0.1725, 0.0800
Android (android.graphics.Color)	4279961703 (0xFF1B0867)
YUV	24.5110, 38.6951, 2.1829
Hunter-Lab	11.7726, 24.6877, -56.9386




Details

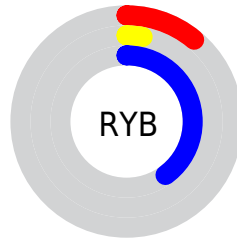
The Hex color **1B0867** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **546708**, and the grayscale version is **181818**.




A 20% lighter version of the original color is **55379B**, and **000336** is the 20% darker color. If you saturate the color by 10%, you get **150067**, and if you desaturate by 10%, it is **231267**.

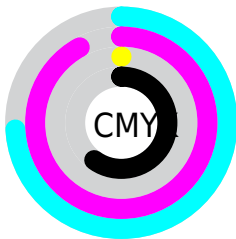
Distribution







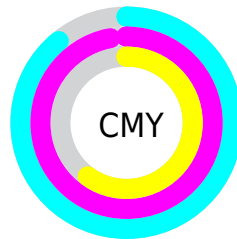
-  Red (11%)
-  Green (3%)
-  Blue (40%)






-  Red (11%)
-  Yellow (3%)
-  Blue (40%)



-  Cyan (74%)
-  Magenta (92%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (89%)
-  Magenta (97%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B0867 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 1B0867 by changing the saturation by 10% instead.

 1B0867

 1B0867

 FFEFFF

 00004E

 55379B

 000336

 704FB7

 000220

 8C67D3

 000004

 A881EF

 000000

 C49BFF

 E1B7FF

 FFD2FF

 1B0867

 1B0867

■ 150067

■ 231267

■ 2B1D67

■ 342767

■ 3C3167

■ 443C67

■ 4C4667

■ 555067

■ 5D5A67

■ 656567

Harmonies

Analogous

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



002579



1B0867



550042

Triad

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



1B0867



410C00



002E29

Complementary

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



1B0867



546708

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.



002D00



1B0867



1F2100

Square

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



1B0867



590000



002A00



003054

Rectangle

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



1B0867



610026



002A00



002D19

Sweetspot

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



1B0867



696187



085467



322D45



C4C4C4



454545

Same Dimension

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



1B0867



1B0087



4B0867



2F2E33



170073



3000F2

Inverse Universe

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



670854



87006C



256708



332E32



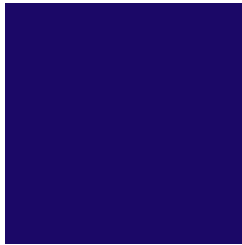
73005C



F200C2

Previews

White Background



This preview shows how the Hex color 1B0867 looks on a white background.

Color Contrast Check

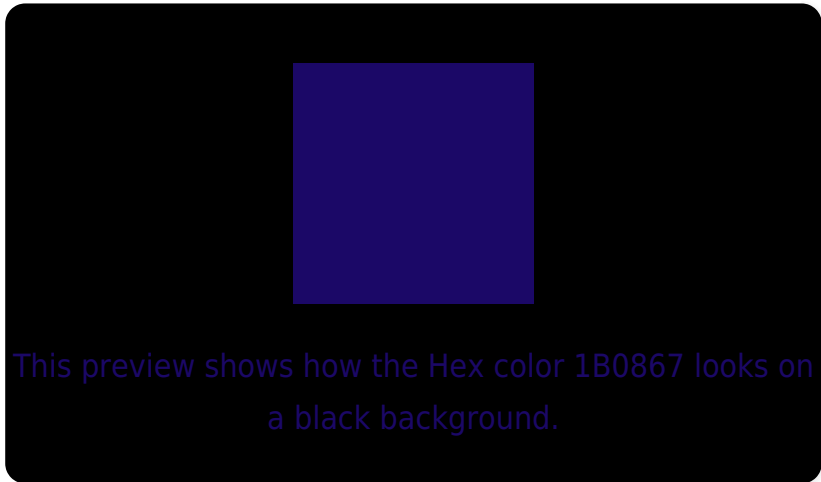
Large Text (above 18pt) WCAG AA ✓ Pass

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

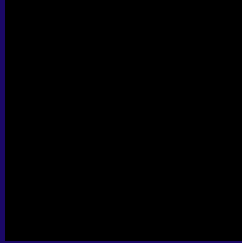
Any Text WCAG AA × Fail

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 1B0867 Background



This preview shows how black text looks on a background with the Hex color 1B0867.



This preview shows how white text looks on a background with the Hex color 1B0867.

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
1B0867

Protanopia
002145

Deuteranopia
00233A

Trichromacy



Original Color
1B0867

Protanomaly
0A1851

Deuteranomaly
0A194A

Tritanomaly
0A1B3F

Monochromacy



Original Color
1B0867

Achromatopsia
191919

Achromatomaly
1A1335

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B0867 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 #1B0867 looks like.

```
.text, #text, p{  
    color:#1B0867  
}
```

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 #1B0867 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B0867
}
```

Border

The CSS property to change the border of an element to Hex 1B0867 is called "border". The border property can be set on classes, ids or directly on the HTML element.

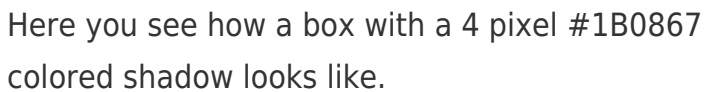
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B0867 }
```

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

```
.border{ border-color:#1B0867 }
```

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



Here you see how a box with a 4 pixel #1B0867 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B0867; -webkit-box-shadow:4px 4px  
4px 4px #1B0867; box-shadow:4px 4px 4px  
4px #1B0867 }
```

Background

The CSS property to change the background color of an element to Hex 1B0867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B0867 }
```

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

```
.background{ background-color:#1B0867 }
```

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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