

Converting Colors

Hex(1B0373)

Have a look what the booklet for
Hex(1B0373) contains.

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Color

Hex(1B0373)

Conversions

Conversions Part 1

Format	Color
Hex	1B0373
RGB	27, 3, 115
RGB Percent	11%, 1%, 45%
CMY	0.8941, 0.9882, 0.5490
CMYK	0.77, 0.97, 0.00, 0.55
HSL	253°, 95%, 23%
HSV	253°, 97%, 45%
XYZ	3.5791, 1.5359, 16.3275
YIQ	22.9440, -21.6480, 39.9200

Conversions

Conversions Part 2

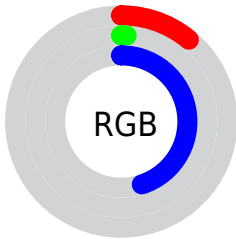
Format	Color
RYB	27, 3, 115
Decimal	1770355
CIELab	12.83, 43.30, -56.54
CIELCh	13, 71.217, 307.447
Yxy	1.5359, 0.1669, 0.0716
Android (android.graphics.Color)	4279960435 (0xFF1B0373)
YUV	22.9440, 45.3836, 3.5571
Hunter-Lab	12.3933, 29.8608, -69.4359




Details

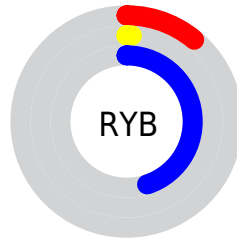
The Hex color **1B0373** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5B7303**, and the grayscale version is **171717**.




A 20% lighter version of the original color is **5935A8**, and **000041** is the 20% darker color. If you saturate the color by 10%, you get **190073**, and if you desaturate by 10%, it is **240F73**.

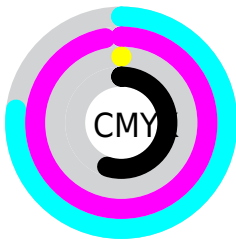
Distribution







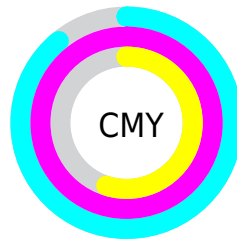
-  Red (11%)
-  Green (1%)
-  Blue (45%)






-  Red (11%)
-  Yellow (1%)
-  Blue (45%)



-  Cyan (77%)
-  Magenta (97%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (89%)
-  Magenta (99%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B0373 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 1B0373 by changing the saturation by 10% instead.

 1B0373

 1B0373

 FFEEFF

 00005A

 5935A8

 000041

 754DC4

 00032A

 9166E0

 000114

 AD80FD

 000000

 CA9AFF

 E8B5FF

 FFD1FF

 1B0373

 1B0373

■ 190073

■ 240F73

■ 2D1A73

■ 362673

■ 3F3173

■ 483D73

■ 514873

■ 5A5473

■ 635F73

■ 6C6B73

Harmonies

Analogous

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



002889



1B0373



5F0048

Triad

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



1B0373



470A00



00302D

Complementary

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



1B0373



5B7303

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.



002F00



1B0373



1F2400

Square

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



1B0373



620000



002D00



00335E

Rectangle

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



1B0373



6C0028



002D00



00301C

Sweetspot

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



1B0373



746B96



035D73



37324D



CCCCCC



4D4D4D

Same Dimension

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



1B0373



200096



510373



36353B



1A007A



3600FA

Inverse Universe

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



73035B



960076



257303



3B3539



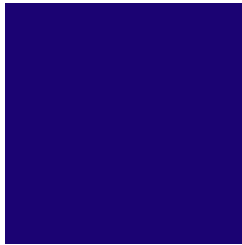
7A0060



FA00C4

Previews

White Background



This preview shows how the Hex color 1B0373 looks on a white background.

Color Contrast Check

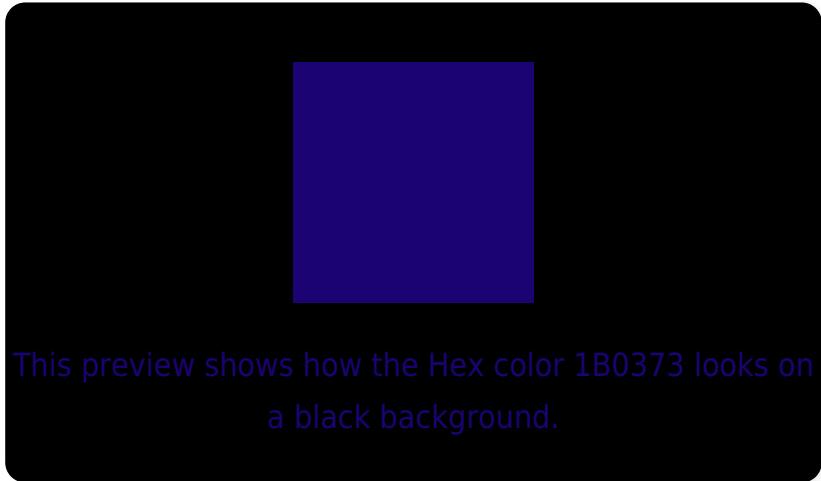
Large Text (above 18pt) WCAG AA ✓ Pass

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

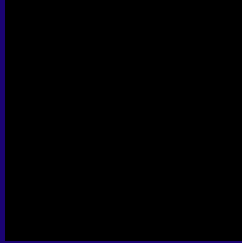
Any Text WCAG AA × Fail

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 1B0373 Background



This preview shows how black text looks on a background with the Hex color 1B0373.



This preview shows how white text looks on a background with the Hex color 1B0373.

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
1B0373

Protanopia
00244A

Deuteranopia
00263F



Tritanopia
00292B

Trichromacy



Original Color
1B0373

Protanomaly
0A1859

Deuteranomaly
0A1952

Tritanomaly
0A1B45

Monochromacy



Original Color
1B0373

Achromatopsia
171717

Achromatomaly
181038

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B0373 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 #1B0373 looks like.

```
.text, #text, p{  
    color:#1B0373  
}
```

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 #1B0373 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B0373
}
```

Border

The CSS property to change the border of an element to Hex 1B0373 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
#1B0373 }
```

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

```
.border{ border-color:#1B0373 }
```

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

Here you see how a box with a 4 pixel #1B0373 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B0373; -webkit-box-shadow:4px 4px  
4px 4px #1B0373; box-shadow:4px 4px 4px  
4px #1B0373 }
```

Background

The CSS property to change the background color of an element to Hex 1B0373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B0373 }
```

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

```
.background{ background-color:#1B0373 }
```

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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