

Converting Colors

Hex(1B0357)

Have a look what the booklet for
Hex(1B0357) contains.

Hex(1B0357)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1B0357)

Conversions

Conversions Part 1

Format	Color
Hex	1B0357
RGB	27, 3, 87
RGB Percent	11%, 1%, 34%
CMY	0.8941, 0.9882, 0.6588
CMYK	0.69, 0.97, 0.00, 0.66
HSL	257°, 93%, 18%
HSV	257°, 97%, 34%
XYZ	2.2049, 0.9863, 9.0910
YIQ	19.7520, -12.6600, 31.2120

Conversions

Conversions Part 2

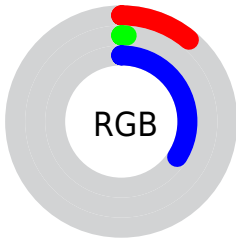
Format	Color
R_{YB}	27, 3, 87
Decimal	1770327
CIE _{Lab}	8.88, 35.37, -44.52
CIE _{LCh}	9, 56.865, 308.467
Yxy	0.9863, 0.1795, 0.0803
Android (android.graphics.Color)	4279960407 (0xFF1B0357)
YUV	19.7520, 33.1533, 6.3565
Hunter-Lab	9.9310, 22.2506, -47.3230

Details

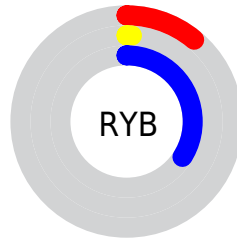
The Hex color **1B0357** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3F5703**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **51318A**, and **000328** is the 20% darker color. If you saturate the color by 10%, you get **190057**, and if you desaturate by 10%, it is **210C57**.

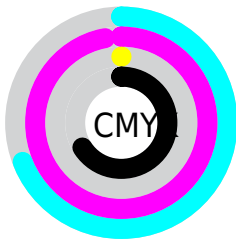
Distribution



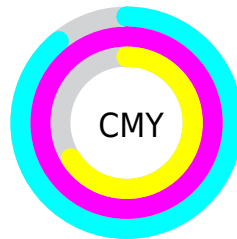
- Red (11%)
- Green (1%)
- Blue (34%)



- Red (11%)
- Yellow (1%)
- Blue (34%)



- Cyan (69%)
- Magenta (97%)
- Yellow (0%)
- Black (66%)



- Cyan (89%)
- Magenta (99%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B0357 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 1B0357 by changing the saturation by 10% instead.

 1B0357

 1B0357

 FFE7FF

 02003F

 51318A

 000328

 6C48A5

 000112

 8761C0

 000000

 A27ADC

 BE94F9

 DBAFFF

 F8CBFF

 1B0357

 1B0357

■ 190057

■ 210C57

■ 271457

■ 2E1D57

■ 342657

■ 3A2F57

■ 403757

■ 464057

■ 4D4957

■ 535157

Harmonies

Analogous

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



001D68



1B0357



4A0036

Triad

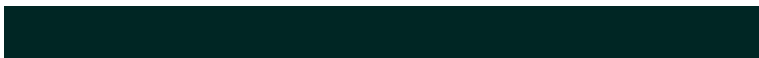
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1B0357



360A00



002624

Complementary

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



1B0357



3F5703

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.



002500



1B0357



171C00

Square

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



1B0357



4B0000



002400



002849

Rectangle

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



1B0357



54001D



002400



002516

Sweetspot

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



1B0357



595070



033F57



2A2438



B8B8B8



383838

Same Dimension

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



1B0357



200070



450357



28272B



1F006B



4300EB

Inverse Universe

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



57033F



700050



155703



2B272A



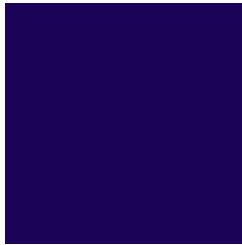
6B004D



EB00A8

Previews

White Background



This preview shows how the Hex color 1B0357 looks on a white background.

Color Contrast Check

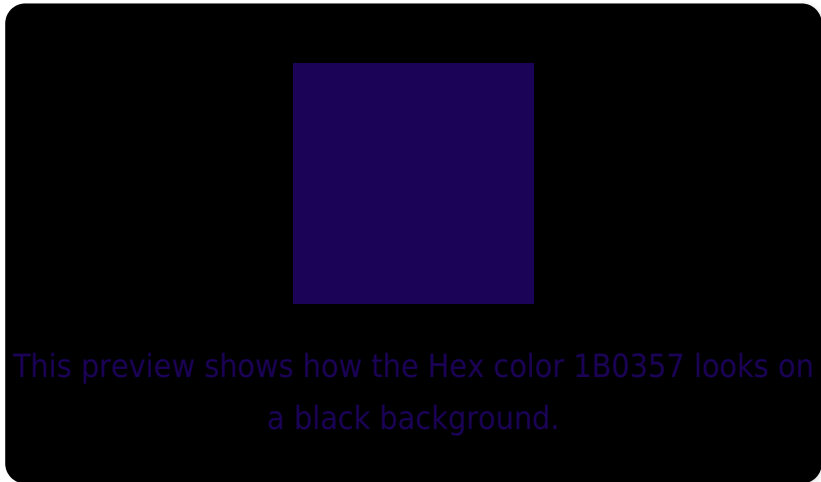
Large Text (above 18pt) WCAG AA ✓ Pass

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

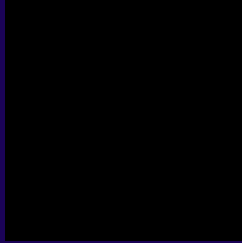
Any Text WCAG AA × Fail

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 1B0357 Background



This preview shows how black text looks on a background with the Hex color 1B0357.



This preview shows how white text looks on a background with the Hex color 1B0357.

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
1B0357

Protanopia
001C3B

Deuteranopia
001E32

Trichromacy



Original Color
1B0357

Protanomaly
0A1345

Deuteranomaly
0A143F

Tritanomaly
0A1535

Monochromacy



Original Color
1B0357

Achromatopsia
141414

Achromatomaly
170E2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B0357 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 #1B0357 looks like.

```
.text, #text, p{  
    color:#1B0357  
}
```

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 #1B0357 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B0357
}
```

Border

The CSS property to change the border of an element to Hex 1B0357 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
#1B0357 }
```

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

```
.border{ border-color:#1B0357 }
```

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

Here you see how a box with a 4 pixel #1B0357 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B0357; -webkit-box-shadow:4px 4px  
4px 4px #1B0357; box-shadow:4px 4px 4px  
4px #1B0357 }
```

Background

The CSS property to change the background color of an element to Hex 1B0357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B0357 }
```

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

```
.background{ background-color:#1B0357 }
```

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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