

Converting Colors

Hex(1B0741)

Have a look what the booklet for
Hex(1B0741) contains.

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Color

Hex(1B0741)

Conversions

Conversions Part 1

Format	Color
Hex	1B0741
RGB	27, 7, 65
RGB Percent	11%, 3%, 25%
CMY	0.8941, 0.9725, 0.7451
CMYK	0.58, 0.89, 0.00, 0.75
HSL	261°, 81%, 14%
HSV	261°, 89%, 25%
XYZ	1.4821, 0.7666, 5.0709
YIQ	19.5920, -6.6980, 22.2780

Conversions

Conversions Part 2

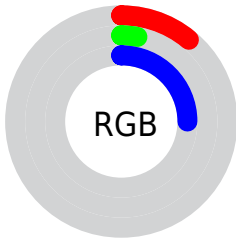
Format	Color
R_{YB}	27, 7, 65
Decimal	1771329
CIE _{Lab}	6.92, 26.10, -32.43
CIE _{LCh}	7, 41.630, 308.828
Yxy	0.7666, 0.2025, 0.1047
Android (android.graphics.Color)	4279961409 (0xFF1B0741)
YUV	19.5920, 22.3861, 6.4968
Hunter-Lab	8.7557, 14.8928, -28.2089

Details

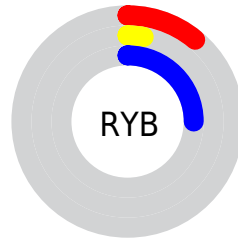
The Hex color **1B0741** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2D4107**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **4C3372**, and **000115** is the 20% darker color. If you saturate the color by 10%, you get **170141**, and if you desaturate by 10%, it is **1F0E41**.

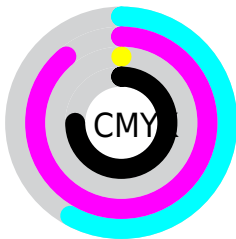
Distribution



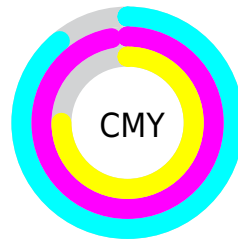
- Red (11%)
- Green (3%)
- Blue (25%)



- Red (11%)
- Yellow (3%)
- Blue (25%)



- Cyan (58%)
- Magenta (89%)
- Yellow (0%)
- Black (75%)



- Cyan (89%)
- Magenta (97%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B0741 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 1B0741 by changing the saturation by 10% instead.

■ 1B0741

■ 1B0741

■ FFE7FF

■ 00002B

■ 4C3372

■ 000115

■ 654A8B

■ 000000

■ 7F62A6

■ 9A7BC1

■ B595DD

■ D1B0FA

■ EECBFF

■ 1B0741

■ 1B0741

■ 170141

■ 1F0E41

■ 160041

■ 241441

■ 281A41

■ 2C2141

■ 302841

■ 352E41

■ 393541

■ 3D3B41

■ 414241

Harmonies

Analogous

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



00174D



1B0741



39002A

Triad

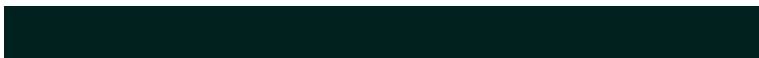
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1B0741



2B0B00



00211D

Complementary

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



1B0741



2D4107

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.



002000



1B0741



141700

Square

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



1B0741



3B0000



001F00



002238

Rectangle

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



1B0741



400018



001F00



002013

Sweetspot

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



1B0741



453D54



072E41



221D2B



ABABAB



2B2B2B

Same Dimension

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



1B0741



1D0054



370741



1F1E21



210061



4D00E0

Inverse Universe

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



41072D



540037



114107



211E20



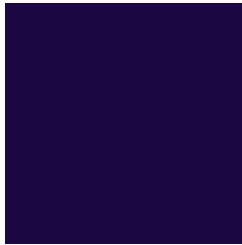
61003F



E00093

Previews

White Background



This preview shows how the Hex color 1B0741 looks on a white background.

Color Contrast Check

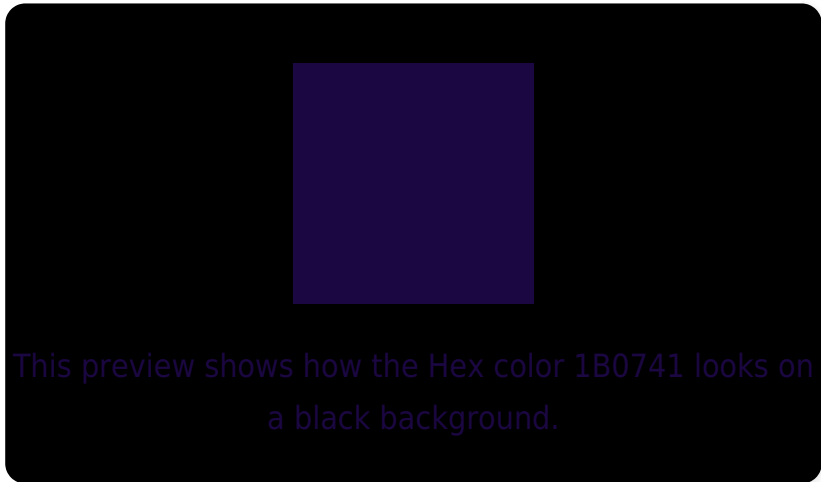
Large Text (above 18pt) WCAG AA ✓ Pass

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

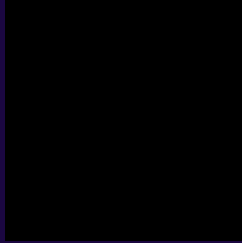
Any Text WCAG AA × Fail

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 1B0741 Background



This preview shows how black text looks on a background with the Hex color 1B0741.



This preview shows how white text looks on a background with the Hex color 1B0741.

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
1B0741

Protanopia
001730

Deuteranopia
001929



Tritanopia
0B1A1C

Trichromacy



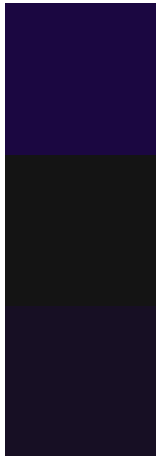
Original Color
1B0741

Protanomaly
0A1136

Deuteranomaly
0A1232

Tritanomaly
111329

Monochromacy



Original Color
1B0741

Achromatopsia
141414

Achromatomaly
170F24

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B0741 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 #1B0741 looks like.

```
.text, #text, p{  
    color:#1B0741  
}
```

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 #1B0741 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B0741
}
```

Border

The CSS property to change the border of an element to Hex 1B0741 is called "border". The border property can be set on classes, ids or directly on the HTML element.

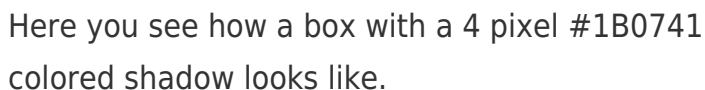
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B0741 }
```

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

```
.border{ border-color:#1B0741 }
```

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



Here you see how a box with a 4 pixel #1B0741 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B0741; -webkit-box-shadow:4px 4px  
4px 4px #1B0741; box-shadow:4px 4px 4px  
4px #1B0741 }
```

Background

The CSS property to change the background color of an element to Hex 1B0741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B0741 }
```

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

```
.background{ background-color:#1B0741 }
```

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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