

Converting Colors

Hex(1B0934)

Have a look what the booklet for
Hex(1B0934) contains.

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Color

Hex(1B0934)

Conversions

Conversions Part 1

Format	Color
Hex	1B0934
RGB	27, 9, 52
RGB Percent	11%, 4%, 20%
CMY	0.8941, 0.9647, 0.7961
CMYK	0.48, 0.83, 0.00, 0.80
HSL	265°, 70%, 12%
HSV	265°, 83%, 20%
XYZ	1.1695, 0.6763, 3.3177
YIQ	19.2840, -3.0750, 17.1890

Conversions

Conversions Part 2

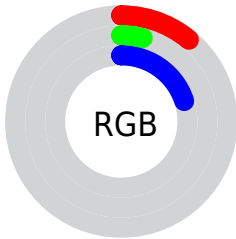
Format	Color
R_{YB}	27, 9, 52
Decimal	1771828
CIE Lab	6.11, 20.13, -24.35
CIE LCh	6, 31.595, 309.587
Yxy	0.6763, 0.2265, 0.1310
Android (android.graphics.Color)	4279961908 (0xFF1B0934)
YUV	19.2840, 16.1290, 6.7669
Hunter-Lab	8.2239, 10.9927, -18.1624

Details

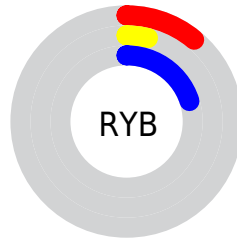
The Hex color **1B0934** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **223409**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **493463**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **180434**, and if you desaturate by 10%, it is **1E0E34**.

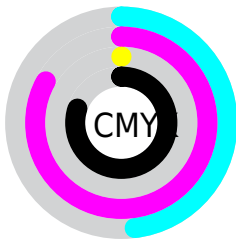
Distribution



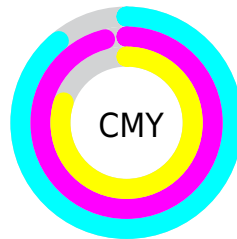
- Red (11%)
- Green (4%)
- Blue (20%)



- Red (11%)
- Yellow (4%)
- Blue (20%)



- Cyan (48%)
- Magenta (83%)
- Yellow (0%)
- Black (80%)



- Cyan (89%)
- Magenta (96%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B0934 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 1B0934 by changing the saturation by 10% instead.

■ 1B0934

■ 1B0934

■ FFE9FF

■ 00001F

■ 493463

■ 000001

■ 614B7C

■ 000000

■ 7B6396

■ 957CB1

■ B096CC

■ CCB1E9

■ E8CCFF

■ 1B0934

■ 1B0934

■ 180434

■ 1E0E34

■ 160034

■ 211334

■ 241934

■ 271E34

■ 2A2334

■ 2D2834

■ 302D34

■ 333334

■ 363834

Harmonies

Analogous

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



00143D



1B0934



300023

Triad

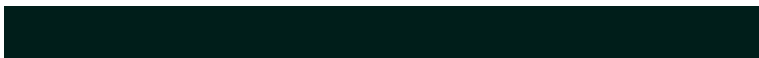
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1B0934



260C00



001E1A

Complementary

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



1B0934



223409

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.



001E00



1B0934



121500

Square

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



1B0934



320000



001B00



001E2E

Rectangle

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



1B0934



350015



001B00



001E12

Sweetspot

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



1B0934



3B3445



092234



1D1924



A3A3A3



242424

Same Dimension

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



1B0934



1D0145



300934



18171A



250059



5B00D9

Inverse Universe

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



340922



450128



0D3409



1A1718



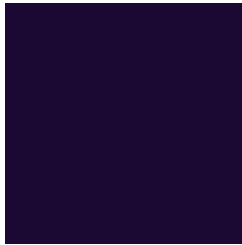
590034



D9007E

Previews

White Background



This preview shows how the Hex color 1B0934 looks on a white background.

Color Contrast Check

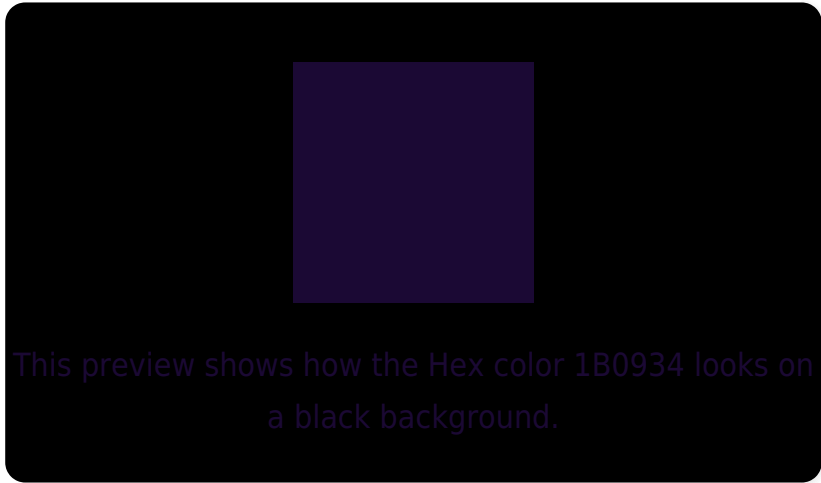
Large Text (above 18pt) WCAG AA ✓ Pass

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

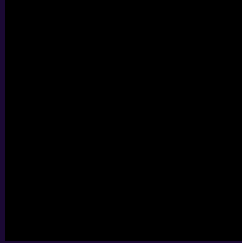
Any Text WCAG AA × Fail

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 1B0934 Background



This preview shows how black text looks on a background with the Hex color 1B0934.



This preview shows how white text looks on a background with the Hex color 1B0934.

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
1B0934

Protanopia
00152B

Deuteranopia
001625



Tritanopia
131617

Trichromacy



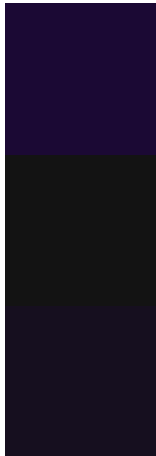
Original Color
1B0934

Protanomaly
0A112E

Deuteranomaly
0A112A

Tritanomaly
161122

Monochromacy



Original Color
1B0934

Achromatopsia
131313

Achromatomaly
160F1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B0934 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 #1B0934 looks like.

```
.text, #text, p{  
    color:#1B0934  
}
```

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 #1B0934 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B0934
}
```

Border

The CSS property to change the border of an element to Hex 1B0934 is called "border". The border property can be set on classes, ids or directly on the HTML element.

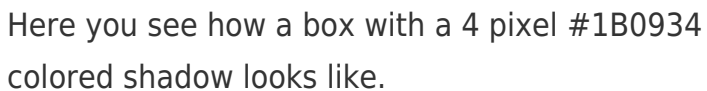
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B0934 }
```

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

```
.border{ border-color:#1B0934 }
```

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



Here you see how a box with a 4 pixel #1B0934 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B0934; -webkit-box-shadow:4px 4px  
4px 4px #1B0934; box-shadow:4px 4px 4px  
4px #1B0934 }
```

Background

The CSS property to change the background color of an element to Hex 1B0934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B0934 }
```

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

```
.background{ background-color:#1B0934 }
```

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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