

Converting Colors

Hex(1B0902)

Have a look what the booklet for
Hex(1B0902) contains.

Hex(1B0902)	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(1B0902)

Conversions

Conversions Part 1

Format	Color
Hex	1B0902
RGB	27, 9, 2
RGB Percent	11%, 4%, 1%
CMY	0.8941, 0.9647, 0.9922
CMYK	0.00, 0.67, 0.93, 0.89
HSL	17°, 86%, 6%
HSV	17°, 93%, 11%
XYZ	0.5606, 0.4328, 0.1114
YIQ	13.5840, 12.9750, 1.6390

Conversions

Conversions Part 2

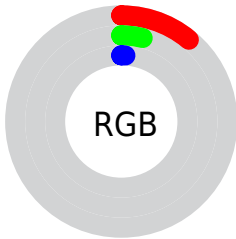
Format	Color
RYB	27, 12, 2
Decimal	1771778
CIELab	3.91, 6.12, 5.15
CIELCh	4, 7.993, 40.078
Yxy	0.4328, 0.5074, 0.3917
Android (android.graphics.Color)	4279961858 (0xFF1B0902)
YUV	13.5840, -5.7109, 11.7658
Hunter-Lab	6.5785, 3.6998, 3.6008

Details

The Hex color **1B0902** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **02141B**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **453531**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1B0800**, and if you desaturate by 10%, it is **1B0B05**.

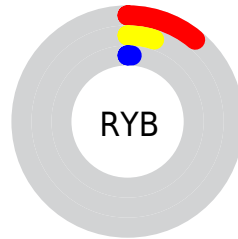
Distribution



Red (11%)

Green (4%)

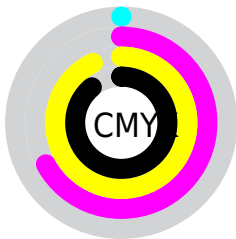
Blue (1%)



Red (11%)

Yellow (5%)

Blue (1%)

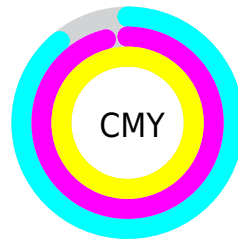


Cyan (0%)

Magenta (67%)

Yellow (93%)

Black (89%)



Cyan (89%)

Magenta (96%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B0902 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 1B0902 by changing the saturation by 10% instead.

 1B0902

 1B0902

 FEE9E4

 000000

 453531

 5D4C48

 756460

 8F7D78

 AA9792

 C5B2AC

 E1CDC8

 1B0902

 1B0902

■ 1B0800

■ 1B0B05

■ 1B0D07

■ 1B0F0A

■ 1B110D

■ 1B1310

■ 1B1512

■ 1B1715

■ 1B1918

■ 1B1A1A

Harmonies

Analogous

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



1B080B



1B0902



170B00

Triad

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



1B0902



001207



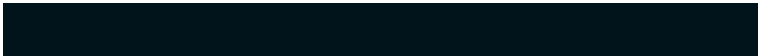
090E1A

Complementary

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



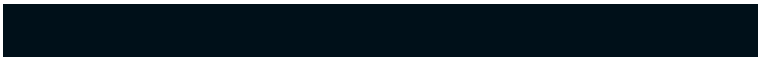
1B0902



02141B

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.



001019



1B0902



001210

Square

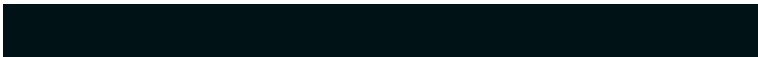
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1B0902



081000



001216



120B18

Rectangle

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



1B0902



130D00



001216



050E1A

Sweetspot

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



1B0902



241D1A



1B0214



120D0C



919191



121212

Same Dimension

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



1B0902



240A00



1B1502



0D0C0B



4D1500



CC3900

Inverse Universe

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



02141B



001A24



02081B



0B0C0D



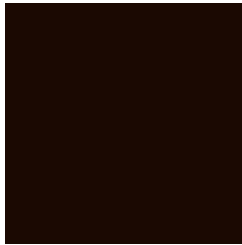
00374D



0093CC

Previews

White Background



This preview shows how the Hex color 1B0902 looks on a white background.

Color Contrast Check

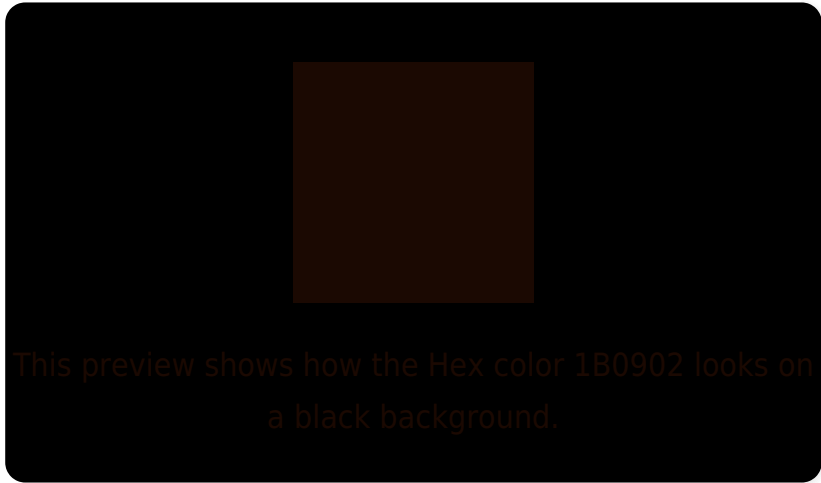
Large Text (above 18pt) WCAG AA ✓ Pass

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

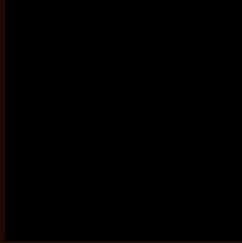
Any Text WCAG AA × Fail

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 1B0902 Background



This preview shows how black text looks on a background with the Hex color 1B0902.



This preview shows how white text looks on a background with the Hex color 1B0902.

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
1B0902

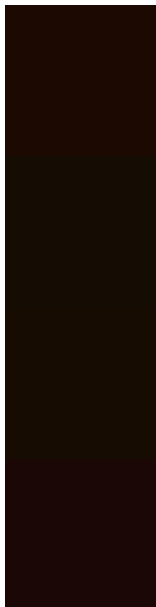
Protanopia
110F04

Deuteranopia
130E00



Tritanopia
1B0809

Trichromacy



Original Color

1B0902

Protanomaly

150D03

Deuteranomaly

160C01

Tritanomaly

1B0806

Monochromacy



Original Color

1B0902

Achromatopsia

0E0E0E

Achromatomaly

130C0A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B0902 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 #1B0902 looks like.

```
.text, #text, p{  
    color:#1B0902  
}
```

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 #1B0902 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B0902
}
```

Border

The CSS property to change the border of an element to Hex 1B0902 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
#1B0902 }
```

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

```
.border{ border-color:#1B0902 }
```

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

Here you see how a box with a 4 pixel #1B0902 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B0902; -webkit-box-shadow:4px 4px  
4px 4px #1B0902; box-shadow:4px 4px 4px  
4px #1B0902 }
```

Background

The CSS property to change the background color of an element to Hex 1B0902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B0902 }
```

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

```
.background{ background-color:#1B0902 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor