

Converting Colors

Hex(0B1809)

Have a look what the booklet for
Hex(0B1809) contains.

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Color

Hex(0B1809)

Conversions

Conversions Part 1

Format	Color
Hex	0B1809
RGB	11, 24, 9
RGB Percent	4%, 9%, 4%
CMY	0.9569, 0.9059, 0.9647
CMYK	0.54, 0.00, 0.63, 0.91
HSL	112°, 45%, 6%
HSV	112°, 62%, 9%
XYZ	0.5140, 0.7441, 0.3750
YIQ	18.4030, -2.9330, -7.4210

Conversions

Conversions Part 2

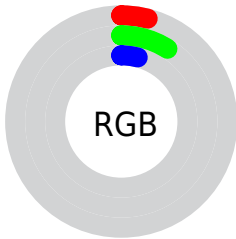
Format	Color
RYB	9, 24, 22
Decimal	727049
CIELab	6.72, -7.92, 6.23
CIELCh	7, 10.074, 141.829
Yxy	0.7441, 0.3147, 0.4557
Android (android.graphics.Color)	4278917129 (0xFF0B1809)
YUV	18.4030, -4.6357, -6.4924
Hunter-Lab	8.6263, -4.4612, 3.4611

Details

The Hex color **0B1809** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **160918**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **364235**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **091807**, and if you desaturate by 10%, it is **0D180B**.

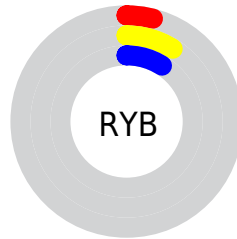
Distribution



Red (4%)

Green (9%)

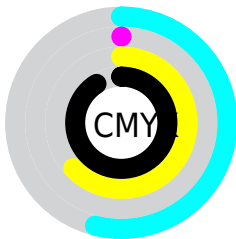
Blue (4%)



Red (4%)

Yellow (9%)

Blue (9%)

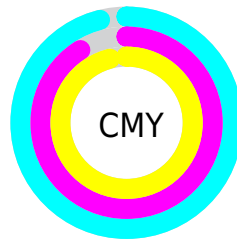


Cyan (54%)

Magenta (0%)

Yellow (63%)

Black (91%)



Cyan (96%)

Magenta (91%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B1809 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 0B1809 by changing the saturation by 10% instead.

■ 0B1809

■ 0B1809

■ EBFAE9

■ 000000

■ 364235

■ 4D5A4C

■ 657264

■ 7E8C7D

■ 98A697

■ B3C1B2

■ CEDDCD

■ 0B1809

■ 0B1809

■ 091807

■ 0D180B

■ 071804

■ 0F180E

■ 051802

■ 111810

■ 031800

■ 131813

■ 151815

■ 171817

■ 1A181A

■ 1C181C

■ 1E181F

Harmonies

Analogous

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



151602



0B1809



001912

Triad

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



0B1809



081622



22100F

Complementary

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



0B1809



160918

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.



211017



0B1809



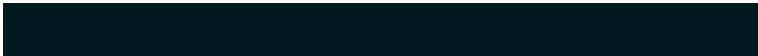
131421

Square

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



0B1809



00181F



1C111D



211106

Rectangle

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



0B1809



001917



1C111D



221012

Sweetspot

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



0B1809



1A1F19



181609



0C0F0C



8F8F8F



0F0F0F

Same Dimension

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



0B1809



0B1F08



09180F



0C0D0B



0A4D00



1BCC00

Inverse Universe

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



160918



1C081F



180912



0D0B0D



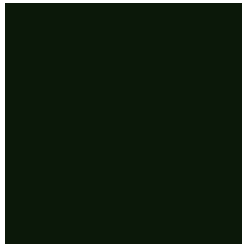
42004D



B100CC

Previews

White Background



This preview shows how the Hex color 0B1809 looks on a white background.

Color Contrast Check

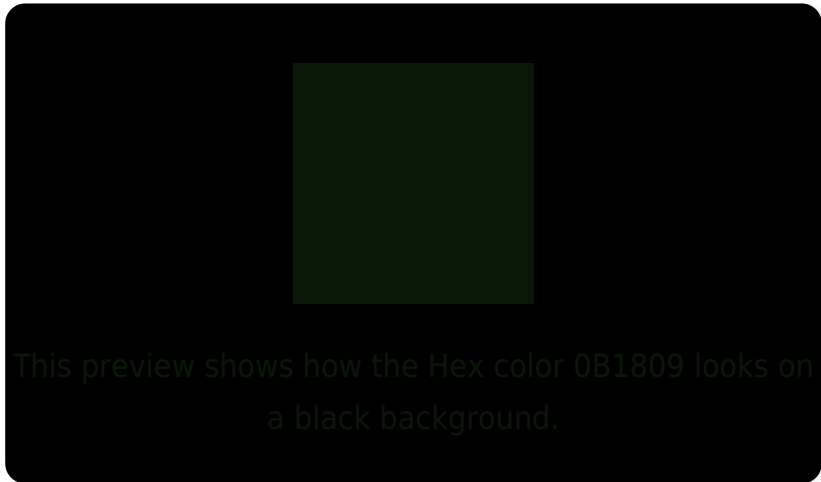
Large Text (above 18pt) WCAG AA ✓ Pass

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 0B1809 Background



This preview shows how black text looks on a background with the Hex color 0B1809.

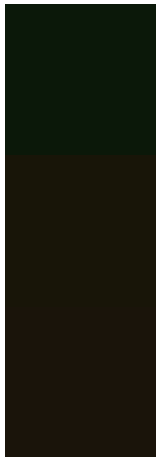


This preview shows how white text looks on a background with the Hex color 0B1809.

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](#).

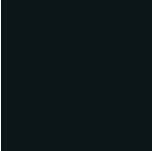
Dichromacy



Original Color
0B1809

Protanopia
181508

Deuteranopia
1A140A



Tritanopia
0E1618

Trichromacy



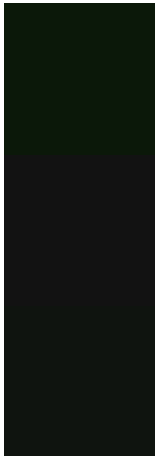
Original Color
0B1809

Protanomaly
131608

Deuteranomaly
15150A

Tritanomaly
0D1713

Monochromacy



Original Color
0B1809

Achromatopsia
121212

Achromatomaly
0F140F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B1809 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 #0B1809 looks like.

```
.text, #text, p{  
    color:#0B1809  
}
```

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 #0B1809 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B1809
}
```

Border

The CSS property to change the border of an element to Hex 0B1809 is called "border". The border property can be set on classes, ids or directly on the HTML element.

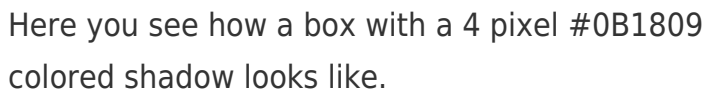
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0B1809 }
```

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

```
.border{ border-color:#0B1809 }
```

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



Here you see how a box with a 4 pixel #0B1809 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B1809; -webkit-box-shadow:4px 4px  
4px 4px #0B1809; box-shadow:4px 4px 4px  
4px #0B1809 }
```

Background

The CSS property to change the background color of an element to Hex 0B1809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B1809 }
```

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

```
.background{ background-color:#0B1809 }
```

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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