

Converting Colors

Hex(0B1919)

Have a look what the booklet for
Hex(0B1919) contains.

Hex(0B1919)	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(0B1919)

Conversions

Conversions Part 1

Format	Color
Hex	0B1919
RGB	11, 25, 25
RGB Percent	4%, 10%, 10%
CMY	0.9569, 0.9020, 0.9020
CMYK	0.56, 0.00, 0.00, 0.90
HSL	180°, 39%, 7%
HSV	180°, 56%, 10%
XYZ	0.6611, 0.8366, 1.0463
YIQ	20.8140, -8.3440, -2.9680

Conversions

Conversions Part 2

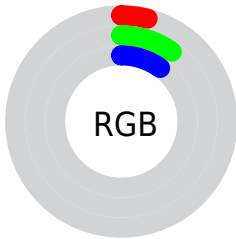
Format	Color
RYB	11, 18, 25
Decimal	727321
CIELab	7.56, -5.49, -1.91
CIElCh	8, 5.812, 199.136
Yxy	0.8366, 0.2599, 0.3288
Android (android.graphics.Color)	4278917401 (0xFF0B1919)
YUV	20.8140, 2.0637, -8.6069
Hunter-Lab	9.1466, -3.1046, -0.3800

Details

The Hex color **0B1919** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **190B0B**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **364444**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **091919**, and if you desaturate by 10%, it is **0E1919**.

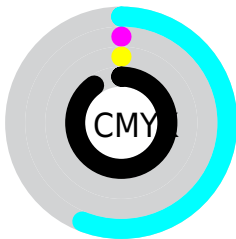
Distribution



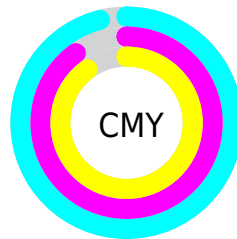
- Red (4%)
- Green (10%)
- Blue (10%)



- Red (4%)
- Yellow (7%)
- Blue (10%)



- Cyan (56%)
- Magenta (0%)
- Yellow (0%)
- Black (90%)



- Cyan (96%)
- Magenta (90%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B1919 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 0B1919 by changing the saturation by 10% instead.

■ 0B1919

■ 0B1919

■ EBFBF8

■ 000000

■ 364444

■ 4D5B5B

■ 657474

■ 7E8D8D

■ 98A8A8

■ B3C3C3

■ CEDFDF

■ 0B1919

■ 0B1919

■ 091919

■ 0E1919

■ 061919

■ 101919

■ 041919

■ 131919

■ 011919

■ 151919

■ 001919

■ 181919

■ 1A1919

■ 1D1919

■ 1F1919

■ 221919

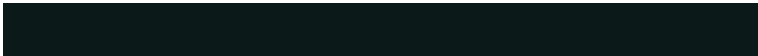
Harmonies

Analogous

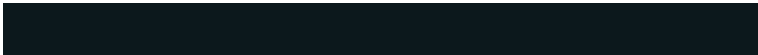
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0E1915



0B1919



0C181C

Triad

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



0B1919



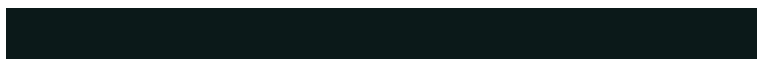
1A151C



1B160D

Complementary

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



0B1919



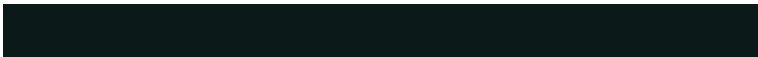
190B0B

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.



1E1510



0B1919



1D1418

Square

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



0B1919



16161E



1F1414



17170E

Rectangle

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



0B1919



0F181E



1F1414



1C150E

Sweetspot

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



0B1919



1C2121



0B190B



0E1212



919191



121212

Same Dimension

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



0B1919



0B2121



0B1219



0B0D0D



004D4D



00CCCC

Inverse Universe

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



190B19



210B21



19120B



0D0B0D



4D004D



CC00CC

Previews

White Background



This preview shows how the Hex color 0B1919 looks on a white background.

Color Contrast Check

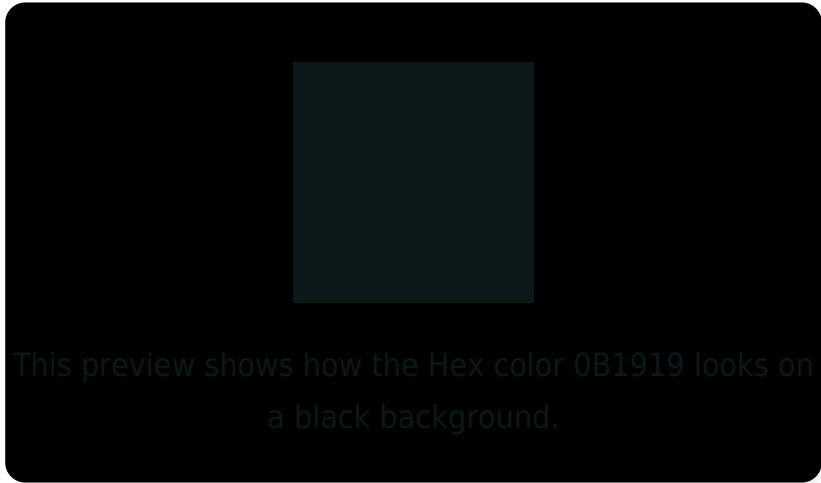
Large Text (above 18pt) WCAG AA ✓ Pass

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

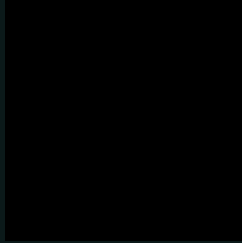
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

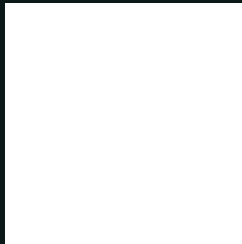
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0B1919 Background



This preview shows how black text looks on a background with the Hex color 0B1919.

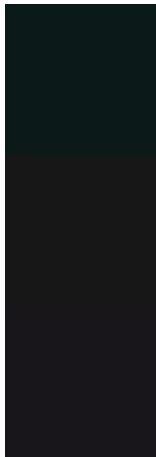


This preview shows how white text looks on a background with the Hex color 0B1919.

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
0B1919

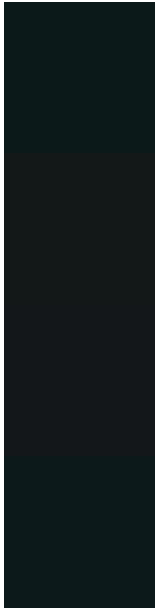
Protanopia
171718

Deuteranopia
18161A



Tritanopia
0C191B

Trichromacy



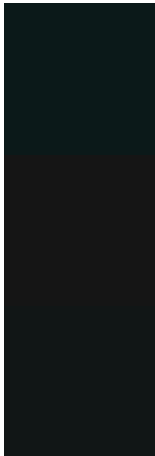
Original Color
OB1919

Protanomaly
131818

Deuteranomaly
13171A

Tritanomaly
0C191A

Monochromacy



Original Color
OB1919

Achromatopsia
151515

Achromatomaly
111616

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B1919 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 #0B1919 looks like.

```
.text, #text, p{  
    color:#0B1919  
}
```

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 #0B1919 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B1919
}
```

Border

The CSS property to change the border of an element to Hex 0B1919 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
#0B1919 }
```

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

```
.border{ border-color:#0B1919 }
```

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

Here you see how a box with a 4 pixel #0B1919 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B1919; -webkit-box-shadow:4px 4px  
4px 4px #0B1919; box-shadow:4px 4px 4px  
4px #0B1919 }
```

Background

The CSS property to change the background color of an element to Hex 0B1919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B1919 }
```

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

```
.background{ background-color:#0B1919 }
```

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