

Converting Colors

Hex(0D2119)

Have a look what the booklet for
Hex(0D2119) contains.

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Color

Hex(0D2119)

Conversions

Conversions Part 1

Format	Color
Hex	0D2119
RGB	13, 33, 25
RGB Percent	5%, 13%, 10%
CMY	0.9490, 0.8706, 0.9020
CMYK	0.61, 0.00, 0.24, 0.87
HSL	156°, 43%, 9%
HSV	156°, 61%, 13%
XYZ	0.8853, 1.2435, 1.1131
YIQ	26.1080, -9.3520, -6.7280

Conversions

Conversions Part 2

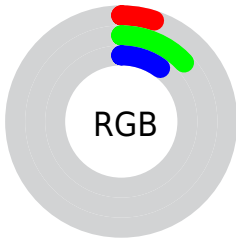
Format	Color
R_{YB}	13, 26, 33
Decimal	860441
CIE _{Lab}	10.87, -10.64, 2.93
CIE _{LCh}	11, 11.032, 164.603
Yxy	1.2435, 0.2731, 0.3836
Android (android.graphics.Color)	4279050521 (0xFF0D2119)
YUV	26.1080, -0.5462, -11.4957
Hunter-Lab	11.1511, -5.3430, 1.8877

Details

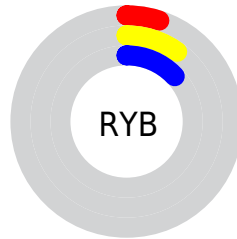
The Hex color **0D2119** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **210D15**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **384D44**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0A2118**, and if you desaturate by 10%, it is **10211A**.

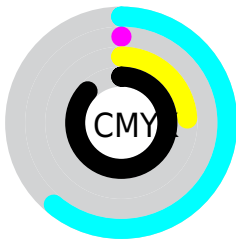
Distribution



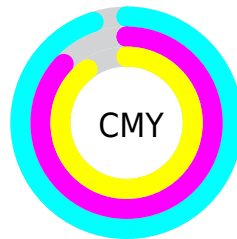
- Red (5%)
- Green (13%)
- Blue (10%)



- Red (5%)
- Yellow (10%)
- Blue (13%)



- Cyan (61%)
- Magenta (0%)
- Yellow (24%)
- Black (87%)



- Cyan (95%)
- Magenta (87%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D2119 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 0D2119 by changing the saturation by 10% instead.

■ 0D2119

■ 0D2119

■ EEEFFB

■ 000600

■ 384D44

■ 000000

■ 4F655B

■ 677E74

■ 81988D

■ 9BB3A8

■ B6CFC3

■ D1EBDF

■ 0D2119

■ 0D2119

■ 0A2118

■ 10211A

■ 062116

■ 14211C

■ 032115

■ 17211D

■ 002114

■ 1A211E

■ 1E2120

■ 212121

■ 242122

■ 272124

■ 2B2125

Harmonies

Analogous

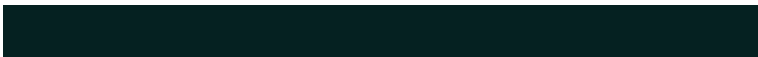
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



162012



0D2119



052121

Triad

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



0D2119



191D2C



2B1913

Complementary

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



0D2119



210D15

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.



2C181A



0D2119



231A28

Square

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



0D2119



0C1F2C



291821



261B0D

Rectangle

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



0D2119



032125



291821



2B1815

Sweetspot

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



0D2119



242B28



15210D



121715



969696



171717

Same Dimension

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



0D2119



0C2B1F



0D1F21



0E0F0F



004F2F



00CF7C

Inverse Universe

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



210D15



2B0C18



210F0D



0F0E0E



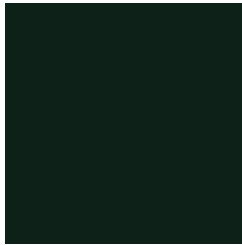
4F0020



CF0053

Previews

White Background



This preview shows how the Hex color 0D2119 looks on a white background.

Color Contrast Check

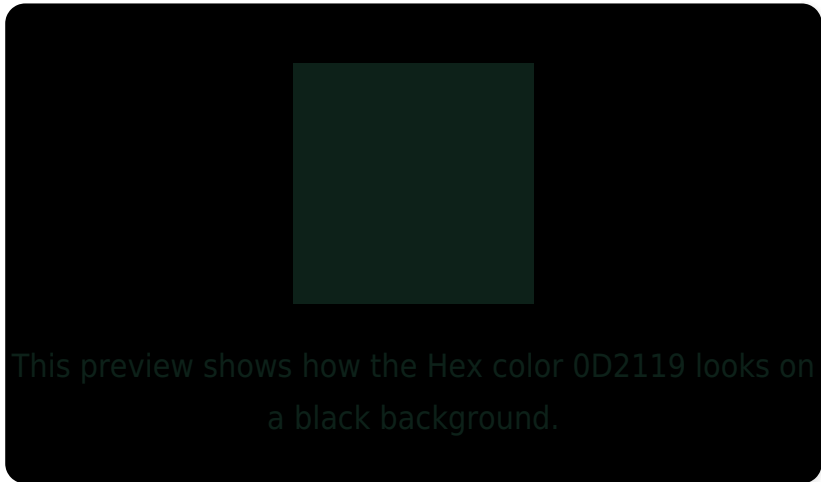
Large Text (above 18pt) WCAG AA ✓ Pass

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

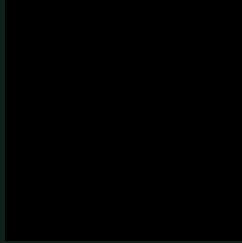
Any Text WCAG AA × Fail

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 0D2119 Background



This preview shows how black text looks on a background with the Hex color 0D2119.



This preview shows how white text looks on a background with the Hex color 0D2119.

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

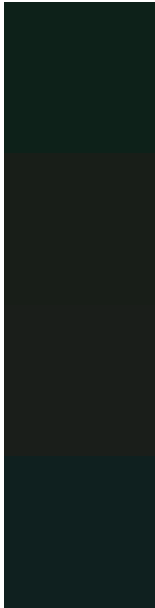


Original Color
0D2119

Protanopia
1F1D17

Deuteranopia
211C1A

Trichromacy



Original Color
0D2119

Protanomaly
181E18

Deuteranomaly
1A1E1A

Tritanomaly
0F201F

Monochromacy



Original Color
0D2119

Achromatopsia
1A1A1A

Achromatomaly
151D1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D2119 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 #0D2119 looks like.

```
.text, #text, p{  
    color:#0D2119  
}
```

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 #0D2119 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2119
}
```

Border

The CSS property to change the border of an element to Hex 0D2119 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
#0D2119 }
```

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

```
.border{ border-color:#0D2119 }
```

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

Here you see how a box with a 4 pixel #0D2119 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2119; -webkit-box-shadow:4px 4px  
4px 4px #0D2119; box-shadow:4px 4px 4px  
4px #0D2119 }
```

Background

The CSS property to change the background color of an element to Hex 0D2119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2119 }
```

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

```
.background{ background-color:#0D2119 }
```

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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