

Converting Colors

Hex(0C1916)

Have a look what the booklet for
Hex(0C1916) contains.

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Color

Hex(0C1916)

Conversions

Conversions Part 1

Format	Color
Hex	0C1916
RGB	12, 25, 22
RGB Percent	5%, 10%, 9%
CMY	0.9529, 0.9020, 0.9137
CMYK	0.52, 0.00, 0.12, 0.90
HSL	166°, 35%, 7%
HSV	166°, 52%, 10%
XYZ	0.6441, 0.8314, 0.8856
YIQ	20.7710, -6.7850, -3.6890

Conversions

Conversions Part 2

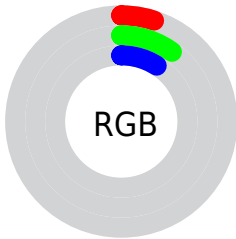
Format	Color
RYB	12, 19, 25
Decimal	792854
CIELab	7.51, -5.99, 0.28
CIELCh	8, 5.992, 177.315
Yxy	0.8314, 0.2728, 0.3521
Android (android.graphics.Color)	4278982934 (0xFF0C1916)
YUV	20.7710, 0.6059, -7.6922
Hunter-Lab	9.1178, -3.3473, 0.6239

Details

The Hex color **0C1916** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **190C0F**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **374440**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0A1915**, and if you desaturate by 10%, it is **0F1917**.

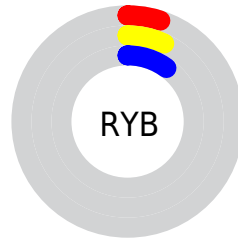
Distribution



Red (5%)

Green (10%)

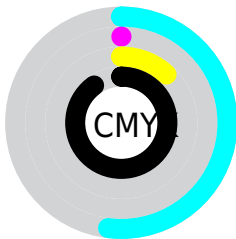
Blue (9%)



Red (5%)

Yellow (7%)

Blue (10%)

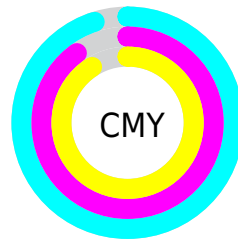


Cyan (52%)

Magenta (0%)

Yellow (12%)

Black (90%)



Cyan (95%)

Magenta (90%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C1916 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 0C1916 by changing the saturation by 10% instead.

■ 0C1916

■ 0C1916

■ EBFBF7

■ 000000

■ 374440

■ 4E5B58

■ 667470

■ 7F8D89

■ 99A8A4

■ B4C3BF

■ CFDFDB

■ 0C1916

■ 0C1916

■ 0A1915

■ 0F1917

■ 071915

■ 111917

■ 051914

■ 141918

■ 021914

■ 161918

■ 001913

■ 191919

■ 1B1919

■ 1E191A

■ 20191B

■ 23191B

Harmonies

Analogous

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



111812



0C1916



0A191A

Triad

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



0C1916



17161E



1E150F

Complementary

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



0C1916



190C0F

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.



1F1413



0C1916



1B141B

Square

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



0C1916



11171E



1E1417



1A160D

Rectangle

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



0C1916



0B181C



1E1417



1E1410

Sweetspot

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



0C1916



1C2120



0F190C



0E1211



919191



121212

Same Dimension

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



0C1916



0D211C



0C1619



0B0D0C



004D3B



00CC9D

Inverse Universe

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



190C0F



210D11



190F0C



0D0B0C



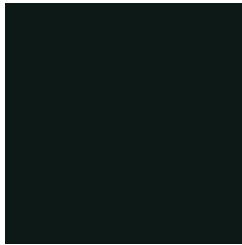
4D0012



CC002F

Previews

White Background



This preview shows how the Hex color 0C1916 looks on a white background.

Color Contrast Check

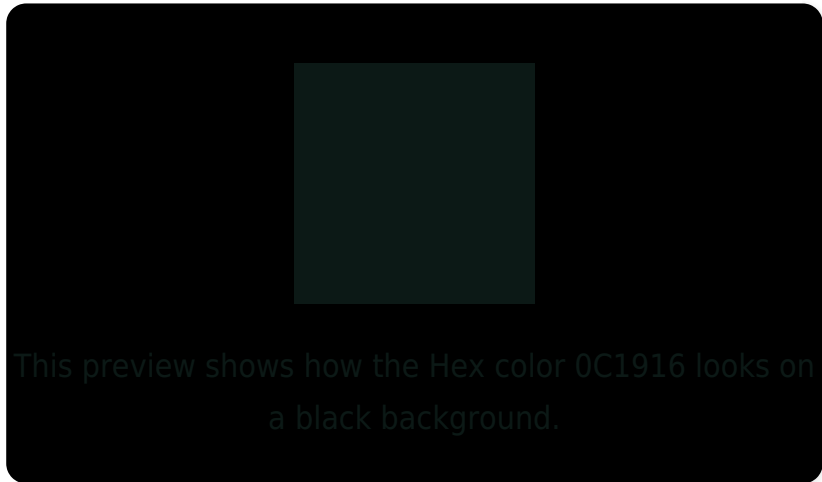
Large Text (above 18pt) WCAG AA ✓ Pass

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

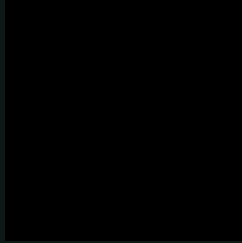
Any Text WCAG AA × Fail

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 0C1916 Background



This preview shows how black text looks on a background with the Hex color 0C1916.

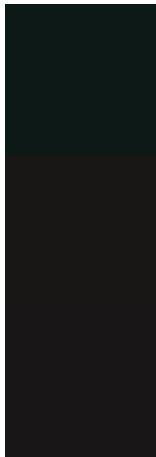


This preview shows how white text looks on a background with the Hex color 0C1916.

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
0C1916

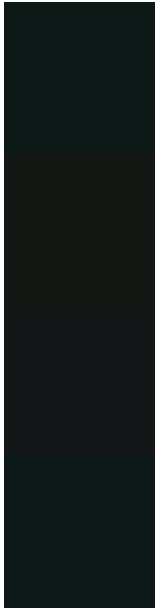
Protanopia
181715

Deuteranopia
191617



Tritanopia
0D181A

Trichromacy



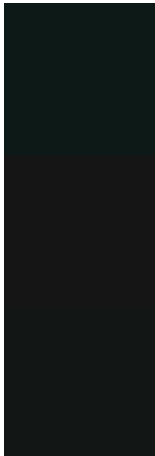
Original Color
OC1916

Protanomaly
141815

Deuteranomaly
141717

Tritanomaly
0D1819

Monochromacy



Original Color
OC1916

Achromatopsia
151515

Achromatomaly
121615

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C1916 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 #0C1916 looks like.

```
.text, #text, p{  
    color:#0C1916  
}
```

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 #0C1916 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C1916
}
```

Border

The CSS property to change the border of an element to Hex 0C1916 is called "border". The border property can be set on classes, ids or directly on the HTML element.

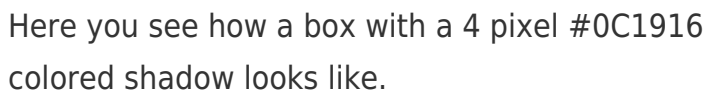
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C1916 }
```

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

```
.border{ border-color:#0C1916 }
```

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



Here you see how a box with a 4 pixel #0C1916 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C1916; -webkit-box-shadow:4px 4px  
4px 4px #0C1916; box-shadow:4px 4px 4px  
4px #0C1916 }
```

Background

The CSS property to change the background color of an element to Hex 0C1916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C1916 }
```

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

```
.background{ background-color:#0C1916 }
```

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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