

Converting Colors

Hex(0C1D00)

Have a look what the booklet for
Hex(0C1D00) contains.

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Color

Hex(0C1D00)

Conversions

Conversions Part 1

Format	Color
Hex	0C1D00
RGB	12, 29, 0
RGB Percent	5%, 11%, 0%
CMY	0.9529, 0.8863, 1.0000
CMYK	0.59, 0.00, 1.00, 0.89
HSL	95°, 100%, 6%
HSV	95°, 100%, 11%
XYZ	0.5910, 0.9569, 0.1536
YIQ	20.6110, -0.8230, -12.6230

Conversions

Conversions Part 2

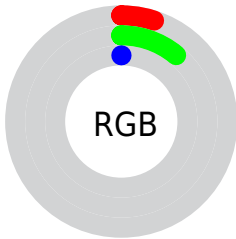
Format	Color
RYB	0, 29, 17
Decimal	793856
CIELab	8.63, -12.98, 12.68
CIELCh	9, 18.142, 135.667
Yxy	0.9569, 0.3473, 0.5624
Android (android.graphics.Color)	4278983936 (0xFF0C1D00)
YUV	20.6110, -10.1612, -7.5518
Hunter-Lab	9.7821, -6.3346, 5.9168

Details

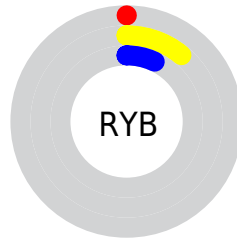
The Hex color **0C1D00** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11001D**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **364930**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0C1D00**, and if you desaturate by 10%, it is **0E1D03**.

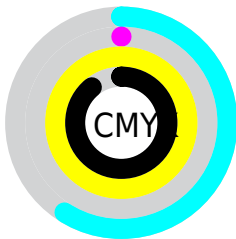
Distribution



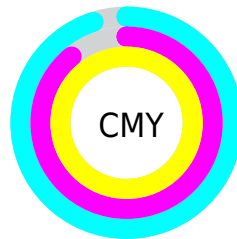
- Red (5%)
- Green (11%)
- Blue (0%)



- Red (0%)
- Yellow (11%)
- Blue (7%)



- Cyan (59%)
- Magenta (0%)
- Yellow (100%)
- Black (89%)



- Cyan (95%)
- Magenta (89%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Hex color 0C1D00 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 0C1D00 by changing the saturation by 10% instead.

 0C1D00

 0C1D00

 EBFFE2

 000000

 364930

 4D6046

 65795E

 7E9376

 98AE90

 B3C9AB

 CFE5C6

 0C1D00

■ 0E1D03

■ 0F1D06

■ 111D09

■ 131D0C

■ 141D0F

■ 161D11

■ 181D14

■ 1A1D17

■ 1B1D1A

Harmonies

Analogous

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



1B1A00



0C1D00



001F12

Triad

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



0C1D00



001C30



2F0E12

Complementary

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



0C1D00



11001D

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.



2C0E1F



0C1D00



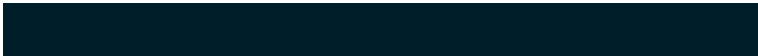
0E1830

Square

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



0C1D00



001E2A



21132A



2D1101

Rectangle

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



0C1D00



001F1B



21132A



2F0E17

Sweetspot

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



0C1D00



20261B



1D1100



10140D



949494



141414

Same Dimension

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



0C1D00



102600



001D02



0E0F0E



214F00



55CF00

Inverse Universe

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



11001D



160026



1D001B



0F0E0F



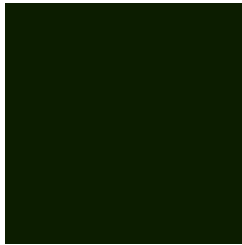
2E004F



7900CF

Previews

White Background



This preview shows how the Hex color 0C1D00 looks on a white background.

Color Contrast Check

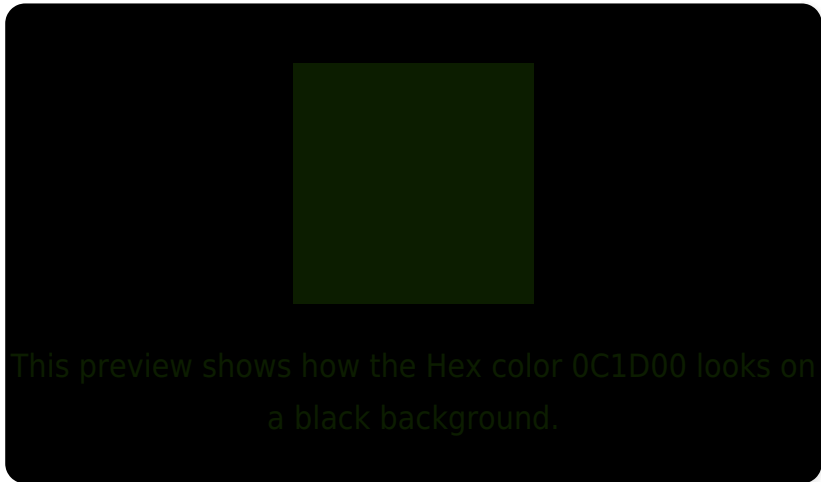
Large Text (above 18pt) WCAG AA ✓ Pass

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

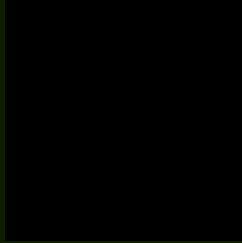
Any Text WCAG AA × Fail

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 0C1D00 Background



This preview shows how black text looks on a background with the Hex color 0C1D00.



This preview shows how white text looks on a background with the Hex color 0C1D00.

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
0C1D00

Protanopia
1D1900

Deuteranopia
201806



Tritanopia
111B1D

Trichromacy



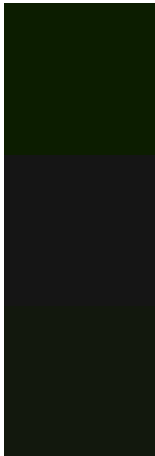
Original Color
0C1D00

Protanomaly
171A00

Deuteranomaly
191A04

Tritanomaly
0F1C12

Monochromacy



Original Color
0C1D00

Achromatopsia
151515

Achromatomaly
12180D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C1D00 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 #0C1D00 looks like.

```
.text, #text, p{  
    color:#0C1D00  
}
```

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 #0C1D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C1D00
}
```

Border

The CSS property to change the border of an element to Hex 0C1D00 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
#0C1D00 }
```

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

```
.border{ border-color:#0C1D00 }
```

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

Here you see how a box with a 4 pixel #0C1D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C1D00; -webkit-box-shadow:4px 4px  
4px 4px #0C1D00; box-shadow:4px 4px 4px  
4px #0C1D00 }
```

Background

The CSS property to change the background color of an element to Hex 0C1D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C1D00 }
```

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

```
.background{ background-color:#0C1D00 }
```

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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