

Converting Colors

Hex(0D1807)

Have a look what the booklet for
Hex(0D1807) contains.

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Color

Hex(0D1807)

Conversions

Conversions Part 1

Format	Color
Hex	0D1807
RGB	13, 24, 7
RGB Percent	5%, 9%, 3%
CMY	0.9490, 0.9059, 0.9725
CMYK	0.46, 0.00, 0.71, 0.91
HSL	99°, 55%, 6%
HSV	99°, 71%, 9%
XYZ	0.5310, 0.7542, 0.3186
YIQ	18.7730, -1.0990, -7.6190

Conversions

Conversions Part 2

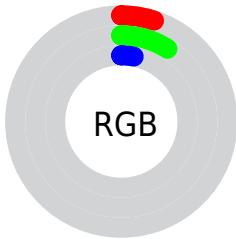
Format	Color
R_YB	7, 24, 18
Decimal	858119
CIE Lab	6.81, -7.61, 7.19
CIE LCh	7, 10.471, 136.644
Yxy	0.7542, 0.3311, 0.4703
Android (android.graphics.Color)	4279048199 (0xFF0D1807)
YUV	18.7730, -5.8041, -5.0629
Hunter-Lab	8.6843, -4.2840, 3.9039

Details

The Hex color **0D1807** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **120718**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **384234**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0B1805**, and if you desaturate by 10%, it is **0F1809**.

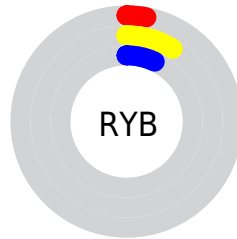
Distribution



Red (5%)

Green (9%)

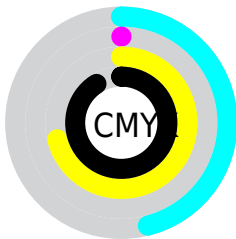
Blue (3%)



Red (3%)

Yellow (9%)

Blue (7%)

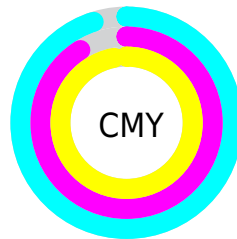


Cyan (46%)

Magenta (0%)

Yellow (71%)

Black (91%)



Cyan (95%)

Magenta (91%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D1807 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 0D1807 by changing the saturation by 10% instead.

0D1807

0D1807

ECFAE8

000000

384234

4F5A4B

677263

808C7C

9AA695

B5C1B0

D0DDCC

0D1807

0D1807

■ 0B1805

■ 0F1809

■ 0A1802

■ 10180C

■ 081800

■ 12180E

■ 131811

■ 151813

■ 161815

■ 181818

■ 19181A

■ 1B181D

Harmonies

Analogous

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



171600



0D1807



011911

Triad

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



0D1807



051722



231011

Complementary

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



0D1807



120718

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.



211019



0D1807



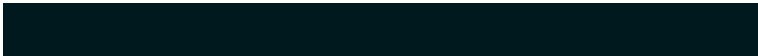
121422

Square

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



0D1807



00191F



1B121F



221107

Rectangle

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



0D1807



001A17



1B121F



231014

Sweetspot

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



0D1807



1A1F18



181207



0D0F0B



8F8F8F



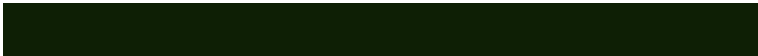
0F0F0F

Same Dimension

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



0D1807



0E1F05



071809



0C0D0B



1B4D00



48CC00

Inverse Universe

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



120718



15051F



180716



0C0B0D



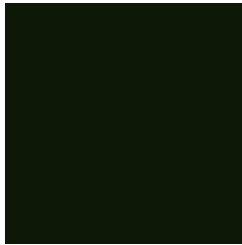
32004D



8400CC

Previews

White Background



This preview shows how the Hex color 0D1807 looks on a white background.

Color Contrast Check

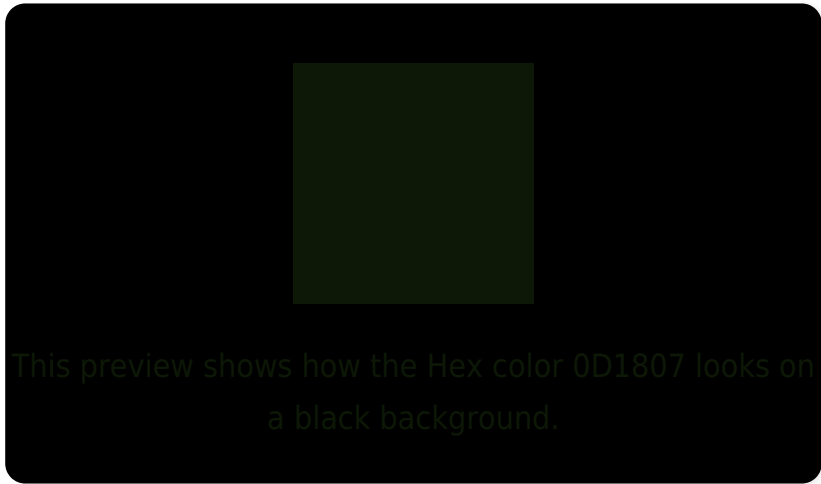
Large Text (above 18pt) WCAG AA ✓ Pass

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

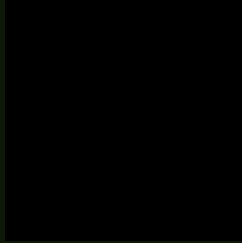
Any Text WCAG AA × Fail

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 0D1807 Background



This preview shows how black text looks on a background with the Hex color 0D1807.

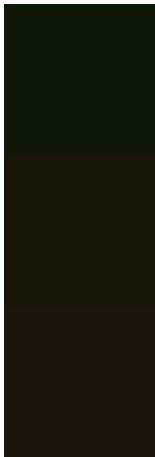


This preview shows how white text looks on a background with the Hex color 0D1807.

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
0D1807

Protanopia
181506

Deuteranopia
1B1408



Tritanopia
101618

Trichromacy



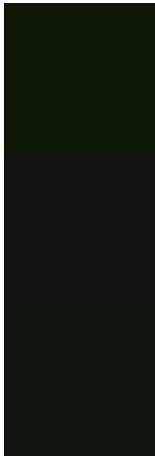
Original Color
OD1807

Protanomaly
141606

Deuteranomaly
161508

Tritanomaly
0F1712

Monochromacy



Original Color
OD1807

Achromatopsia
131313

Achromatomaly
11150F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D1807 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 #0D1807 looks like.

```
.text, #text, p{  
    color:#0D1807  
}
```

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 #0D1807 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D1807
}
```

Border

The CSS property to change the border of an element to Hex 0D1807 is called "border". The border property can be set on classes, ids or directly on the HTML element.

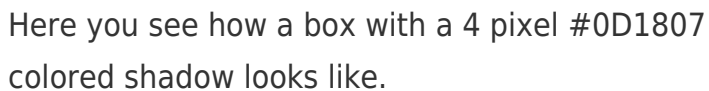
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D1807 }
```

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

```
.border{ border-color:#0D1807 }
```

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



Here you see how a box with a 4 pixel #0D1807 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D1807; -webkit-box-shadow:4px 4px  
4px 4px #0D1807; box-shadow:4px 4px 4px  
4px #0D1807 }
```

Background

The CSS property to change the background color of an element to Hex 0D1807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D1807 }
```

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

```
.background{ background-color:#0D1807 }
```

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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