

# Converting Colors

Hex(0D1805)

Have a look what the booklet for  
Hex(0D1805) contains.

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# Color

**Hex(0D1805)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D1805
RGB	13, 24, 5
RGB Percent	5%, 9%, 2%
CMY	0.9490, 0.9059, 0.9804
CMYK	0.46, 0.00, 0.79, 0.91
HSL	95°, 66%, 6%
HSV	95°, 79%, 9%
XYZ	0.5200, 0.7498, 0.2609
YIQ	18.5450, -0.4570, -8.2410

# Conversions

## Conversions Part 2

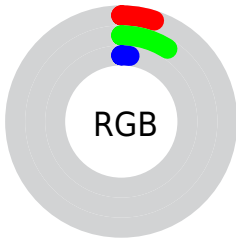
Format	Color
<a href="#">RYB</a>	<a href="#">5, 24, 16</a>
Decimal	<a href="#">858117</a>
CIELab	<a href="#">6.77, -7.89, 7.95</a>
CIElCh	<a href="#">7, 11.199, 134.805</a>
Yxy	<a href="#">0.7498, 0.3397, 0.4898</a>
Android (android.graphics.Color)	<a href="#">4279048197 (0xFF0D1805)</a>
YUV	<a href="#">18.5450, -6.6777, -4.8630</a>
Hunter-Lab	<a href="#">8.6590, -4.4338, 4.2749</a>

# Details

The Hex color **0D1805** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **100518**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **384233**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0C1803**, and if you desaturate by 10%, it is **0E1807**.

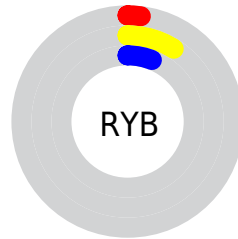
# Distribution



Red (5%)

Green (9%)

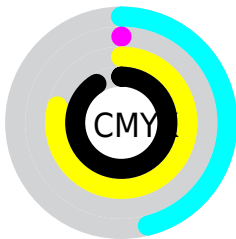
Blue (2%)



Red (2%)

Yellow (9%)

Blue (6%)

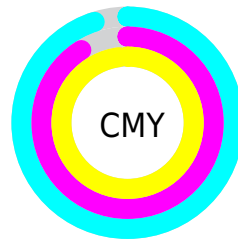


Cyan (46%)

Magenta (0%)

Yellow (79%)

Black (91%)



Cyan (95%)

Magenta (91%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D1805 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 0D1805 by changing the saturation by 10% instead.



0D1805

0D1805

ECFAE6

000000

384233

4F5A4A

677261

808C7A

9AA694

B5C1AF

D0DDCA

0D1805

0D1805

■ 0C1803

■ 0E1807

■ 0A1800

■ 10180A

■ 11180C

■ 13180F

■ 141811

■ 151813

■ 171816

■ 181818

■ 1A181B

# Harmonies

## Analogous

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



181600



0D1805



001910

# Triad

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



0D1805



021723



240F11

# Complementary

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



0D1805



100518

# 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.



210F19



0D1805



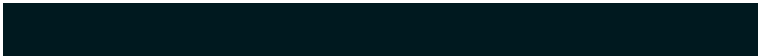
101423

# Square

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



0D1805



00191F



1B1220



231006

# Rectangle

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



0D1805



001A16



1B1220



230F14



# Sweetspot

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



0D1805



1A1F17



181005



0D0F0B



8F8F8F



0F0F0F



# Same Dimension

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



0D1805



0E1F02



051806



0C0D0B



204D00



56CC00



# Inverse Universe

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



100518



12021F



180517



0C0B0D



2C004D

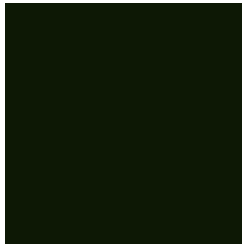


7600CC



# Previews

## White Background



This preview shows how the Hex color 0D1805 looks on a white background.

## Color Contrast Check

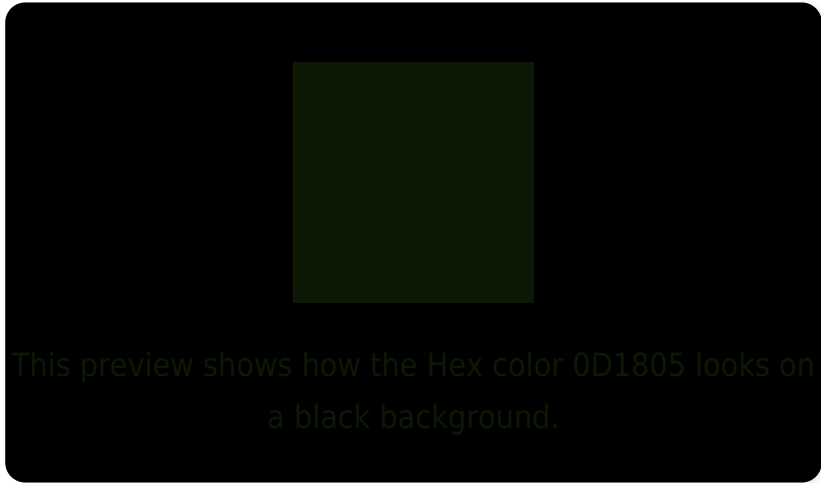
Large Text (above 18pt) WCAG AA ✓ Pass

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

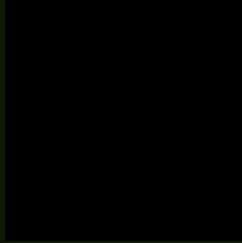
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0D1805 Background



This preview shows how black text looks on a background with the Hex color 0D1805.

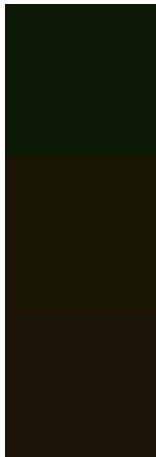


This preview shows how white text looks on a background with the Hex color 0D1805.

# 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**  
0D1805

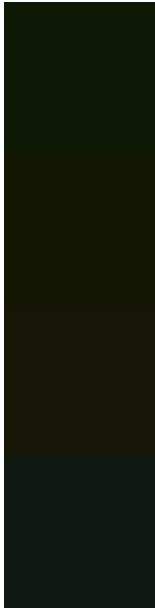
**Protanopia**  
181504

**Deuteranopia**  
1B1407



**Tritanopia**  
101618

# Trichromacy



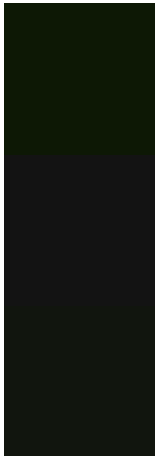
**Original Color**  
0D1805

**Protanomaly**  
141604

**Deuteranomaly**  
161506

**Tritanomaly**  
0F1711

# Monochromacy



**Original Color**  
0D1805

**Achromatopsia**  
131313

**Achromatomaly**  
11150E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D1805 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 #0D1805 looks like.

```
.text, #text, p{  
    color:#0D1805  
}
```

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 #0D1805 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D1805  
}
```

## Border

The CSS property to change the border of an element to Hex 0D1805 is called "border". The border property can be set on classes, ids or directly on the HTML element.

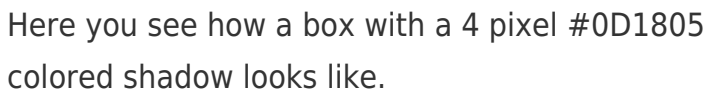
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#0D1805 }
```

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

```
.border{ border-color:#0D1805 }
```

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



Here you see how a box with a 4 pixel #0D1805 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D1805; -webkit-box-shadow:4px 4px  
4px 4px #0D1805; box-shadow:4px 4px 4px  
4px #0D1805 }
```

# Background

The CSS property to change the background color of an element to Hex 0D1805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D1805 }
```

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

```
.background{ background-color:#0D1805 }
```

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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