

Converting Colors

Hex(0C0817)

Have a look what the booklet for
Hex(0C0817) contains.

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Color

Hex(0C0817)

Conversions

Conversions Part 1

Format	Color
Hex	0C0817
RGB	12, 8, 23
RGB Percent	5%, 3%, 9%
CMY	0.9529, 0.9686, 0.9098
CMYK	0.48, 0.65, 0.00, 0.91
HSL	256°, 48%, 6%
HSV	256°, 65%, 9%
XYZ	0.3931, 0.3137, 0.8504
YIQ	10.9060, -2.4310, 5.5130

Conversions

Conversions Part 2

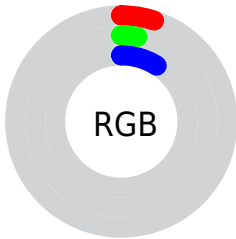
Format	Color
RYB	12, 8, 23
Decimal	788503
CIELab	2.83, 3.89, -7.28
CIELCh	3, 8.253, 298.119
Yxy	0.3137, 0.2524, 0.2014
Android (android.graphics.Color)	4278978583 (0xFF0C0817)
YUV	10.9060, 5.9623, 0.9594
Hunter-Lab	5.6008, 2.7271, -5.0822

Details

The Hex color **0C0817** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **131708**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **373541**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0A0617**, and if you desaturate by 10%, it is **0E0A17**.

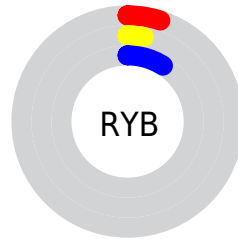
Distribution



Red (5%)

Green (3%)

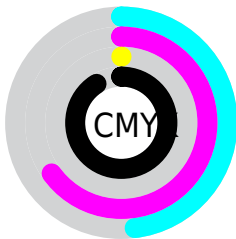
Blue (9%)



Red (5%)

Yellow (3%)

Blue (9%)

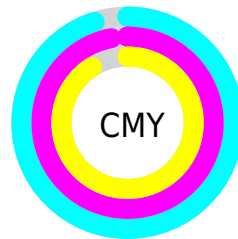


Cyan (48%)

Magenta (65%)

Yellow (0%)

Black (91%)



Cyan (95%)

Magenta (97%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C0817 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 0C0817 by changing the saturation by 10% instead.

■ 0C0817

■ 0C0817

■ ECE9F8

■ 000000

■ 373541

■ 4E4C59

■ 666471

■ 7F7C8B

■ 9996A5

■ B4B1C0

■ CFCCDC

■ 0C0817

■ 0C0817

■ 0A0617

■ 0E0A17

■ 090317

■ 0F0D17

■ 070117

■ 110F17

■ 060017

■ 131117

■ 141317

■ 161617

■ 181817

■ 191A17

■ 1B1D17

Harmonies

Analogous

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



000B18



0C0817



140513

Triad

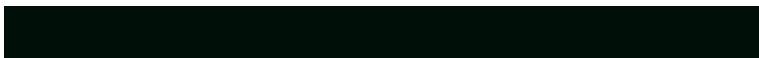
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0C0817



160600



001009

Complementary

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



0C0817



131708

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.



000F00



0C0817



100A00

Square

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



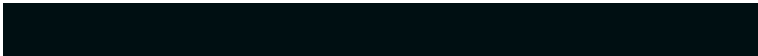
0C0817



1A0401



060D00



000F12

Rectangle

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



0C0817



18040E



060D00



001006

Sweetspot

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



0C0817



1A181F



081317



0D0C0F



8F8F8F



0F0F0F

Same Dimension

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



0C0817



0D071F



130817



0C0B0D



14004D



3600CC

Inverse Universe

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



170813



1F0718



0C1708



0D0B0C



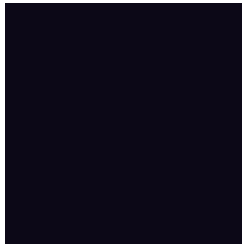
4D0038



CC0096

Previews

White Background



This preview shows how the Hex color 0C0817 looks on a white background.

Color Contrast Check

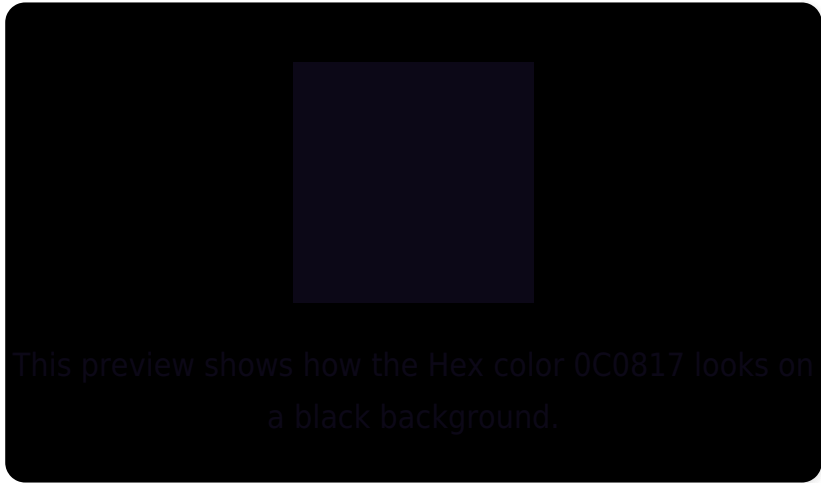
Large Text (above 18pt) WCAG AA ✓ Pass

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

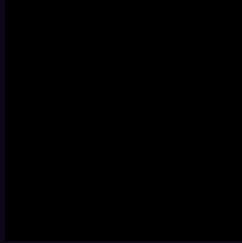
Any Text WCAG AA × Fail

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 0C0817 Background



This preview shows how black text looks on a background with the Hex color 0C0817.



This preview shows how white text looks on a background with the Hex color 0C0817.

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
0C0817

Protanopia
000B16

Deuteranopia
000B13



Tritanopia
090B0C

Trichromacy



Original Color
0C0817

Protanomaly
040A16

Deuteranomaly
040A14

Tritanomaly
0A0A10

Monochromacy



Original Color
0C0817

Achromatopsia
0B0B0B

Achromatomaly
0B0A0F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C0817 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 #0C0817 looks like.

```
.text, #text, p{  
    color:#0C0817  
}
```

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 #0C0817 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C0817
}
```

Border

The CSS property to change the border of an element to Hex 0C0817 is called "border". The border property can be set on classes, ids or directly on the HTML element.

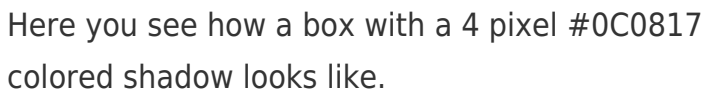
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C0817 }
```

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

```
.border{ border-color:#0C0817 }
```

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



Here you see how a box with a 4 pixel #0C0817 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C0817; -webkit-box-shadow:4px 4px  
4px 4px #0C0817; box-shadow:4px 4px 4px  
4px #0C0817 }
```

Background

The CSS property to change the background color of an element to Hex 0C0817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C0817 }
```

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

```
.background{ background-color:#0C0817 }
```

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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