

Converting Colors

Hex(0C0C17)

Have a look what the booklet for
Hex(0C0C17) contains.

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Color

Hex(0C0C17)

Conversions

Conversions Part 1

Format	Color
Hex	0C0C17
RGB	12, 12, 23
RGB Percent	5%, 5%, 9%
CMY	0.9529, 0.9529, 0.9098
CMYK	0.48, 0.48, 0.00, 0.91
HSL	240°, 31%, 7%
HSV	240°, 48%, 9%
XYZ	0.4377, 0.4030, 0.8653
YIQ	13.2540, -3.5310, 3.4210

Conversions

Conversions Part 2

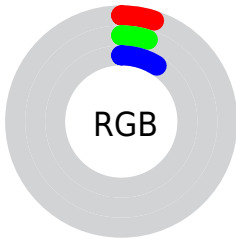
Format	Color
RYB	12, 12, 23
Decimal	789527
CIELab	3.64, 2.24, -6.10
CIELCh	4, 6.500, 290.179
Yxy	0.4030, 0.2566, 0.2362
Android (android.graphics.Color)	4278979607 (0xFF0C0C17)
YUV	13.2540, 4.8048, -1.0998
Hunter-Lab	6.3480, 1.2001, -3.6385

Details

The Hex color **0C0C17** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **17170C**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **373841**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0A0A17**, and if you desaturate by 10%, it is **0E0E17**.

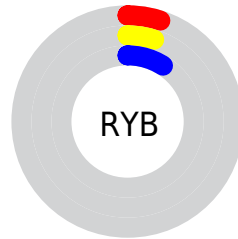
Distribution



Red (5%)

Green (5%)

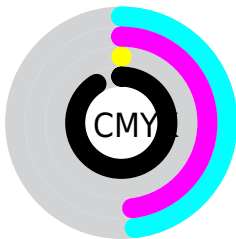
Blue (9%)



Red (5%)

Yellow (5%)

Blue (9%)

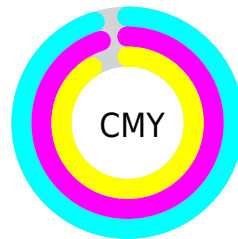


Cyan (48%)

Magenta (48%)

Yellow (0%)

Black (91%)



Cyan (95%)

Magenta (95%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C0C17 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 0C0C17 by changing the saturation by 10% instead.

■ 0C0C17

■ 0C0C17

■ ECECF8

■ 000000

■ 373841

■ 4E4E59

■ 666671

■ 7F7F8B

■ 9999A5

■ B4B4C0

■ CFD0DC

■ 0C0C17

■ 0C0C17

■ 0A0A17

■ 0E0E17

■ 070717

■ 111117

■ 050517

■ 131317

■ 030317

■ 151517

■ 000017

■ 171717

■ 1A1A17

■ 1C1C17

■ 1E1E17

■ 212117

Harmonies

Analogous

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



030E17



0C0C17



130A14

Triad

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



0C0C17



180A01



00110A

Complementary

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



0C0C17



17170C

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.



051003



0C0C17



140C00

Square

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



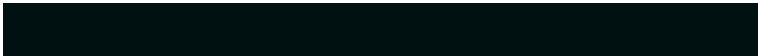
0C0C17



190808



0E0E00



001111

Rectangle

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



0C0C17



160911



0E0E00



001108

Sweetspot

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



0C0C17



1A1A1F



0C1717



0D0D0F



8F8F8F



0F0F0F

Same Dimension

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



0C0C17



0D0D1F



120C17



0B0B0D



00004D



0000CC

Inverse Universe

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



170C17



1F0D1F



12170C



0D0B0D



4D004D



CC00CC

Previews

White Background



This preview shows how the Hex color 0C0C17 looks on a white background.

Color Contrast Check

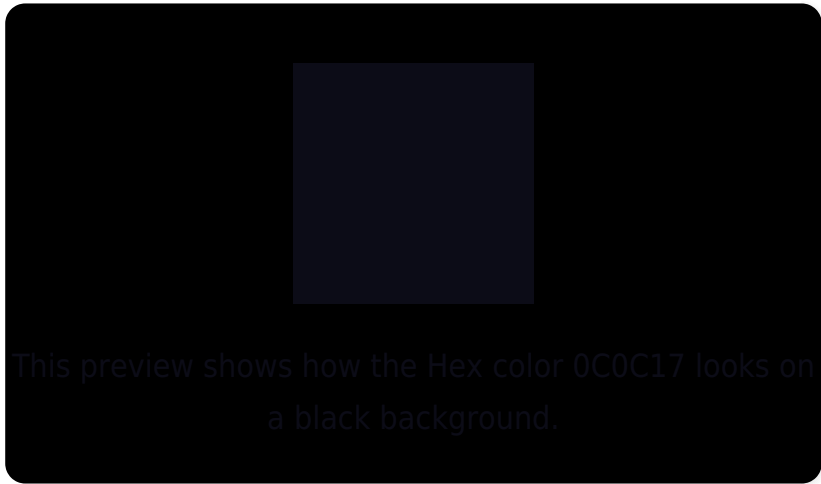
Large Text (above 18pt) WCAG AA ✓ Pass

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

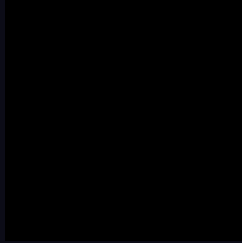
Any Text WCAG AA × Fail

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 0C0C17 Background



This preview shows how black text looks on a background with the Hex color 0C0C17.



This preview shows how white text looks on a background with the Hex color 0C0C17.

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](#).

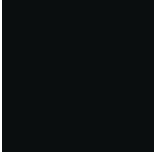
Dichromacy



Original Color
0C0C17

Protanopia
080D18

Deuteranopia
060D17



Trichromacy



Original Color

0C0C17

Protanomaly

090D18

Deuteranomaly

080D17

Tritanomaly

0B0D12

Monochromacy



Original Color

0C0C17

Achromatopsia

0D0D0D

Achromatomaly

0D0D11

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C0C17 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 #0C0C17 looks like.

```
.text, #text, p{  
    color:#0C0C17  
}
```

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 #0C0C17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C0C17
}
```

Border

The CSS property to change the border of an element to Hex 0C0C17 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
#0C0C17 }
```

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

```
.border{ border-color:#0C0C17 }
```

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

Here you see how a box with a 4 pixel #0C0C17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C0C17; -webkit-box-shadow:4px 4px  
4px 4px #0C0C17; box-shadow:4px 4px 4px  
4px #0C0C17 }
```

Background

The CSS property to change the background color of an element to Hex 0C0C17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C0C17 }
```

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

```
.background{ background-color:#0C0C17 }
```

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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