

Converting Colors

Hex(0D000D)

Have a look what the booklet for
Hex(0D000D) contains.

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Color

Hex(0D000D)

Conversions

Conversions Part 1

Format	Color
Hex	0D000D
RGB	13, 0, 13
RGB Percent	5%, 0%, 5%
CMY	0.9490, 1.0000, 0.9490
CMYK	0.00, 1.00, 0.00, 0.95
HSL	300°, 100%, 3%
HSV	300°, 100%, 5%
XYZ	0.2386, 0.1146, 0.3903
YIQ	5.3690, 3.5750, 6.7990

Conversions

Conversions Part 2

Format	Color
RYB	13, 0, 13
Decimal	851981
CIELab	1.04, 5.31, -3.80
CIELCh	1, 6.530, 324.439
Yxy	0.1146, 0.3209, 0.1542
Android (android.graphics.Color)	4279042061 (0xFF0D000D)
YUV	5.3690, 3.7621, 6.6924
Hunter-Lab	3.3856, 6.6562, -4.4654

Details

The Hex color **0D000D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **000D00**, and the grayscale version is **050505**.

A 20% lighter version of the original color is **383038**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D000D**, and if you desaturate by 10%, it is **0D010D**.

Distribution



Red (5%)

Green (0%)

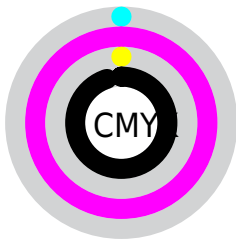
Blue (5%)



Red (5%)

Yellow (0%)

Blue (5%)

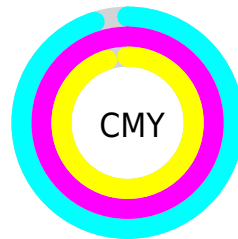


Cyan (0%)

Magenta (100%)

Yellow (0%)

Black (95%)



Cyan (95%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D000D 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 0D000D by changing the saturation by 10% instead.

■ 0D000D

■ 0D000D

■ EDE2ED

■ 000000

■ 383038

■ 4F474F

■ 675E67

■ 807780

■ 9A909A

■ B5ABB5

■ D0C6D0

■ 0D000D

■ 0D010D

■ 0D030D

■ 0D040D

■ 0D050D

■ 0D070D

■ 0D080D

■ 0D090D

■ 0D0A0D

■ 0D0C0D

Harmonies

Analogous

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



040211



0D000D



120006

Triad

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



0D000D



070300



00080A

Complementary

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



0D000D



000D00

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.



000702



0D000D



000600

Square

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



0D000D



0F0100



000700



000710

Rectangle

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



0D000D



130000



000700



000708

Sweetspot

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



0D000D



120C12



00000D



0A070A



8A8A8A



0A0A0A

Same Dimension

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



0D000D



120012



0D0007



080708



470047



C700C7

Inverse Universe

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



0D000D



120012



000D07



080708



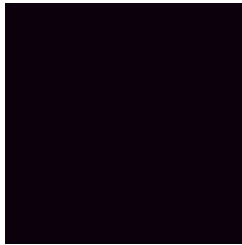
470047



C700C7

Previews

White Background



This preview shows how the Hex color 0D000D looks on a white background.

Color Contrast Check

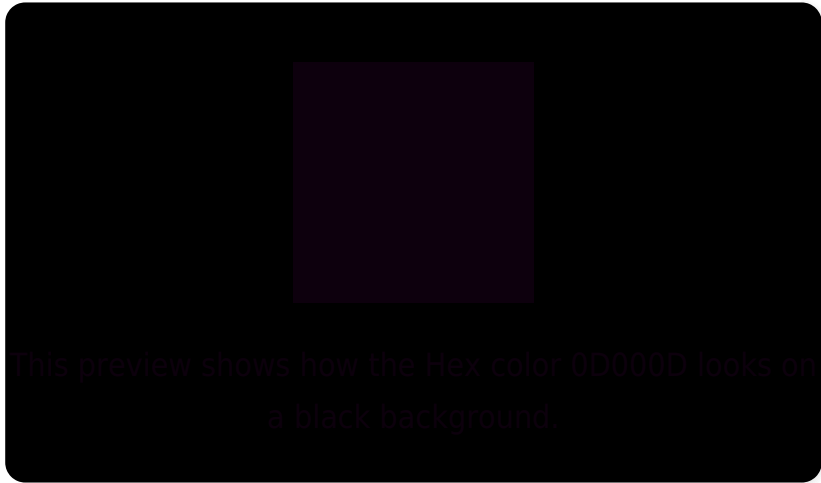
Large Text (above 18pt) WCAG AA ✓ Pass

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

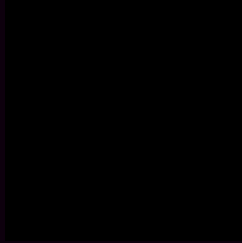
Any Text WCAG AA × Fail

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 0D000D Background



This preview shows how black text looks on a background with the Hex color 0D000D.



This preview shows how white text looks on a background with the Hex color 0D000D.

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](#).

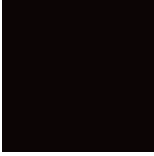
Dichromacy



Original Color
0D000D

Protanopia
00070F

Deuteranopia
04070C



Tritanopia
0C0505

Trichromacy



Original Color

0D000D

Protanomaly

05040E

Deuteranomaly

07040C

Tritanomaly

0C0308

Monochromacy



Original Color

0D000D

Achromatopsia

050505

Achromatomaly

080308

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D000D 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 #0D000D looks like.

```
.text, #text, p{  
    color:#0D000D  
}
```

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 #0D000D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D000D
}
```

Border

The CSS property to change the border of an element to Hex 0D000D is called "border". The border property can be set on classes, ids or directly on the HTML element.

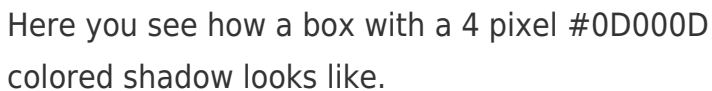
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D000D }
```

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

```
.border{ border-color:#0D000D }
```

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



Here you see how a box with a 4 pixel #0D000D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D000D; -webkit-box-shadow:4px 4px  
4px 4px #0D000D; box-shadow:4px 4px 4px  
4px #0D000D }
```

Background

The CSS property to change the background color of an element to Hex 0D000D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D000D }
```

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

```
.background{ background-color:#0D000D }
```

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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