

Converting Colors

Hex(0D0307)

Have a look what the booklet for
Hex(0D0307) contains.

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Color

Hex(0D0307)

Conversions

Conversions Part 1

Format	Color
Hex	0D0307
RGB	13, 3, 7
RGB Percent	5%, 1%, 3%
CMY	0.9490, 0.9882, 0.9725
CMYK	0.00, 0.77, 0.46, 0.95
HSL	336°, 62%, 3%
HSV	336°, 77%, 5%
XYZ	0.2369, 0.1660, 0.2206
YIQ	6.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

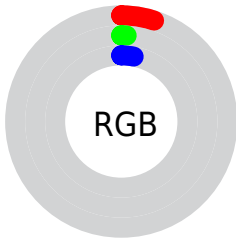
Format	Color
R_{YB}	13, 3, 7
Decimal	852743
CIE _{Lab}	1.50, 3.24, -0.57
CIE _{LCh}	1, 3.289, 350.035
Yxy	0.1660, 0.3799, 0.2663
Android (android.graphics.Color)	4279042823 (0xFF0D0307)
YUV	6.4460, 0.2731, 5.7479
Hunter-Lab	4.0747, 3.2469, -0.3572

Details

The Hex color **0D0307** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **030D09**, and the grayscale version is **060606**.

A 20% lighter version of the original color is **383234**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D0206**, and if you desaturate by 10%, it is **0D0408**.

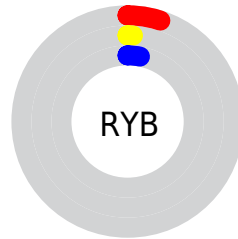
Distribution



Red (5%)

Green (1%)

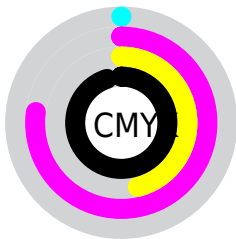
Blue (3%)



Red (5%)

Yellow (1%)

Blue (3%)

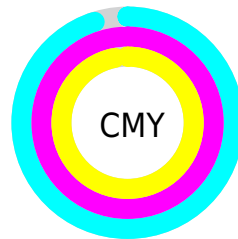


Cyan (0%)

Magenta (77%)

Yellow (46%)

Black (95%)



Cyan (95%)

Magenta (99%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D0307 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 0D0307 by changing the saturation by 10% instead.

■ 0D0307

■ 0D0307

■ EDE5E8

■ 000000

■ 383234

■ 4F484B

■ 676063

■ 80797C

■ 9A9396

■ B5ADB0

■ D0C9CC

■ 0D0307

■ 0D0307

■ 0D0206

■ 0D0408

■ 0D0005

■ 0D0609

■ 0D0709

■ 0D080A

■ 0D090B

■ 0D0B0C

■ 0D0C0C

■ 0D0D0D

■ 0D0F0E

Harmonies

Analogous

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



0A040B



0D0307



0E0303

Triad

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



0D0307



060600



00070B

Complementary

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



0D0307



030D09

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.



000808



0D0307



010700

Square

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



0D0307



0A0500



000804



00060D

Rectangle

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



0D0307



0E0300



000804



00080B

Sweetspot

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



0D0307



120E0F



09030D



0A0708



8A8A8A



0A0A0A

Same Dimension

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



0D0307



120108



0D0403



080707



47001D



C70050

Inverse Universe

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



0D0307



120108



030C0D



080707



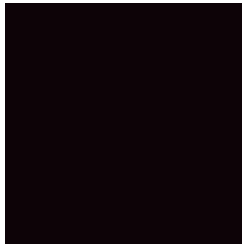
47001D



C70050

Previews

White Background



This preview shows how the Hex color 0D0307 looks on a white background.

Color Contrast Check

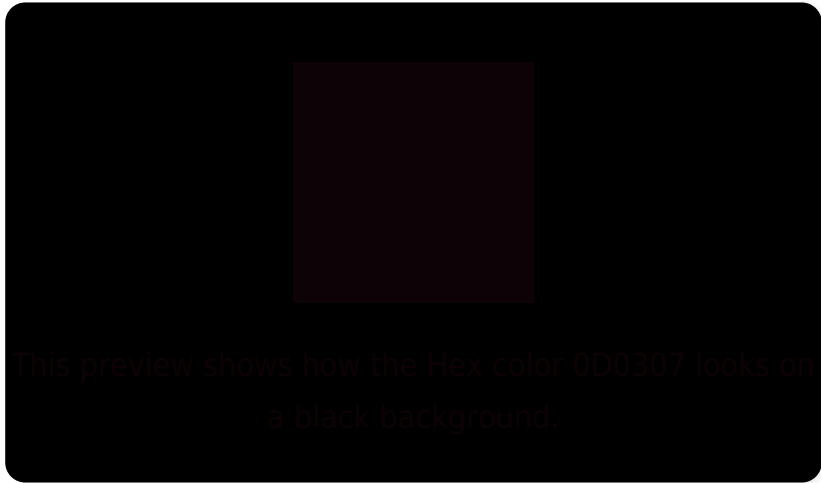
Large Text (above 18pt) WCAG AA ✓ Pass

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

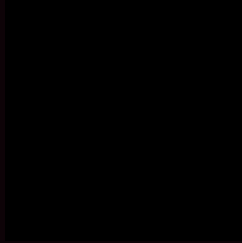
Any Text WCAG AA × Fail

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 0D0307 Background



This preview shows how black text looks on a background with the Hex color 0D0307.

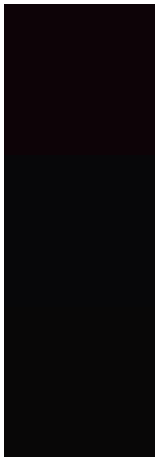


This preview shows how white text looks on a background with the Hex color 0D0307.

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](#).

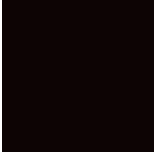
Dichromacy



Original Color
0D0307

Protanopia
070709

Deuteranopia
080707



Tritanopia
0D0404

Trichromacy



Original Color

0D0307

Protanomaly

090608

Deuteranomaly

0A0607

Tritanomaly

0D0405

Monochromacy



Original Color

0D0307

Achromatopsia

060606

Achromatomaly

090506

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D0307 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 #0D0307 looks like.

```
.text, #text, p{  
    color:#0D0307  
}
```

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 #0D0307 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D0307
}
```

Border

The CSS property to change the border of an element to Hex 0D0307 is called "border". The border property can be set on classes, ids or directly on the HTML element.

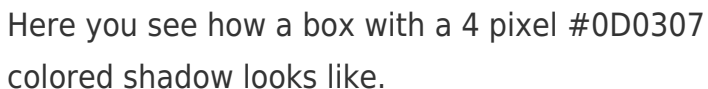
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D0307 }
```

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

```
.border{ border-color:#0D0307 }
```

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



Here you see how a box with a 4 pixel #0D0307 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D0307; -webkit-box-shadow:4px 4px  
4px 4px #0D0307; box-shadow:4px 4px 4px  
4px #0D0307 }
```

Background

The CSS property to change the background color of an element to Hex 0D0307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D0307 }
```

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

```
.background{ background-color:#0D0307 }
```

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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