

Converting Colors

Hex(0D070D)

Have a look what the booklet for
Hex(0D070D) contains.

Hex(0D070D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0D070D)

Conversions

Conversions Part 1

Format	Color
Hex	0D070D
RGB	13, 7, 13
RGB Percent	5%, 3%, 5%
CMY	0.9490, 0.9725, 0.9490
CMYK	0.00, 0.46, 0.00, 0.95
HSL	300°, 30%, 4%
HSV	300°, 46%, 5%
XYZ	0.3146, 0.2666, 0.4156
YIQ	9.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

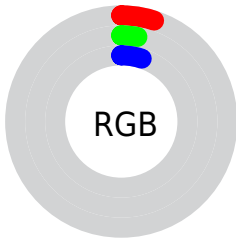
Format	Color
RYB	13, 7, 13
Decimal	853773
CIELab	2.41, 2.51, -1.79
CIELCh	2, 3.083, 324.434
Yxy	0.2666, 0.3156, 0.2674
Android (android.graphics.Color)	4279043853 (0xFF0D070D)
YUV	9.4780, 1.7363, 3.0888
Hunter-Lab	5.1632, 1.8409, -1.1587

Details

The Hex color **0D070D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **070D07**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **383438**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D060D**, and if you desaturate by 10%, it is **0D080D**.

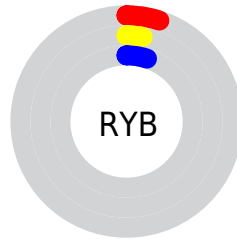
Distribution



Red (5%)

Green (3%)

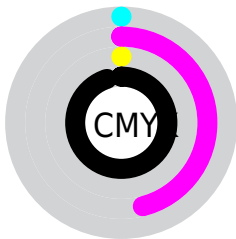
Blue (5%)



Red (5%)

Yellow (3%)

Blue (5%)

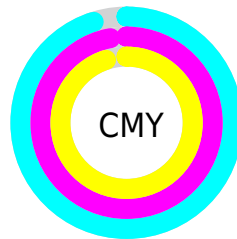


Cyan (0%)

Magenta (46%)

Yellow (0%)

Black (95%)



Cyan (95%)

Magenta (97%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D070D 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 0D070D by changing the saturation by 10% instead.

■ 0D070D

■ 0D070D

■ EDE8ED

■ 000000

■ 383438

■ 4F4B4F

■ 676367

■ 807C80

■ 9A969A

■ B5B0B5

■ D0CCD0

■ 0D070D

■ 0D070D

■ 0D060D

■ 0D080D

■ 0D040D

■ 0D0A0D

■ 0D030D

■ 0D0B0D

■ 0D020D

■ 0D0C0D

■ 0D000D

■ 0D0E0D

■ 0D0F0D

■ 0D100D

■ 0D110D

■ 0D130D

Harmonies

Analogous

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



09080F



0D070D



10060A

Triad

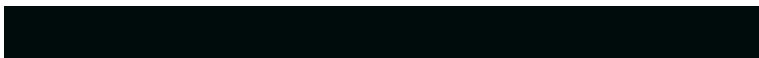
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0D070D



0D0801



000B0C

Complementary

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



0D070D



070D07

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.



010B08



0D070D



090A02

Square

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



0D070D



0F0703



040B04



010A0E

Rectangle

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



0D070D



100607



040B04



000B0B

Sweetspot

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



0D070D



120F12



07070D



0A080A



8A8A8A



0A0A0A

Same Dimension

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



0D070D



120812



0D070A



080708



470047



C700C7

Inverse Universe

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



0D070D



120812



070D0A



080708



470047



C700C7

Previews

White Background



This preview shows how the Hex color 0D070D looks on a white background.

Color Contrast Check

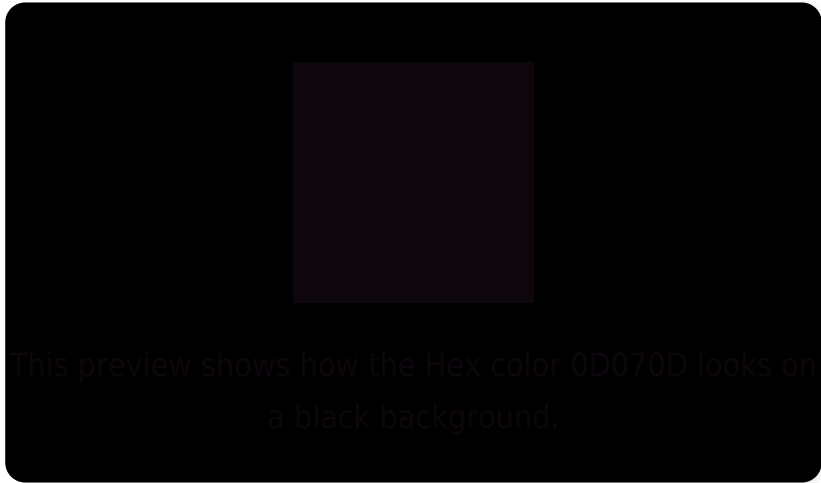
Large Text (above 18pt) WCAG AA ✓ Pass

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

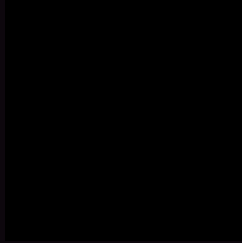
Any Text WCAG AA × Fail

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 0D070D Background



This preview shows how black text looks on a background with the Hex color 0D070D.

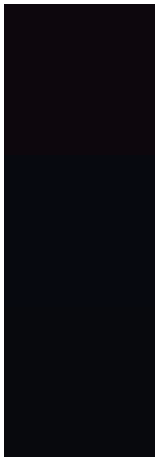


This preview shows how white text looks on a background with the Hex color 0D070D.

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
0D070D

Protanopia
07090F

Deuteranopia
08090D



Tritanopia
0C0809

Trichromacy



Original Color
0D070D

Protanomaly
09080E

Deuteranomaly
0A080D

Tritanomaly
0C080A

Monochromacy



Original Color
0D070D

Achromatopsia
090909

Achromatomaly
0A080A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D070D 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 #0D070D looks like.

```
.text, #text, p{  
    color:#0D070D  
}
```

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 #0D070D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D070D
}
```

Border

The CSS property to change the border of an element to Hex 0D070D 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
#0D070D }
```

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

```
.border{ border-color:#0D070D }
```

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

Here you see how a box with a 4 pixel #0D070D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D070D; -webkit-box-shadow:4px 4px  
4px 4px #0D070D; box-shadow:4px 4px 4px  
4px #0D070D }
```

Background

The CSS property to change the background color of an element to Hex 0D070D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D070D }
```

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

```
.background{ background-color:#0D070D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor