

# Converting Colors

Hex(0C070D)

Have a look what the booklet for  
Hex(0C070D) contains.

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# Color

**Hex(0C070D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0C070D
RGB	12, 7, 13
RGB Percent	5%, 3%, 5%
CMY	0.9529, 0.9725, 0.9490
CMYK	0.08, 0.46, 0.00, 0.95
HSL	290°, 30%, 4%
HSV	290°, 46%, 5%
XYZ	0.3002, 0.2592, 0.4150
YIQ	9.1790, 1.0540, 2.9260

# Conversions

## Conversions Part 2

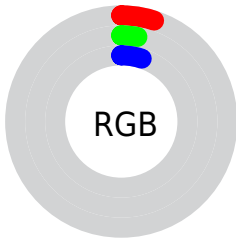
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 7, 13
Decimal	788237
CIE Lab	2.34, 2.21, -1.90
CIE LCh	2, 2.912, 319.303
Yxy	0.2592, 0.3081, 0.2660
Android (android.graphics.Color)	4278978317 (0xFF0C070D)
YUV	9.1790, 1.8838, 2.4740
Hunter-Lab	5.0910, 1.6180, -1.2691

# Details

The Hex color **0C070D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **080D07**, 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 **0C060D**, and if you desaturate by 10%, it is **0C080D**.

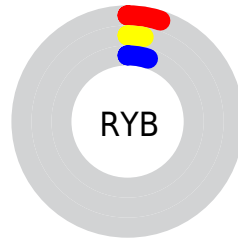
# Distribution



Red (5%)

Green (3%)

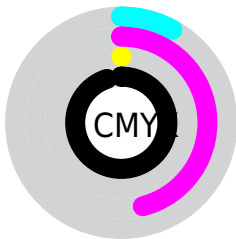
Blue (5%)



Red (5%)

Yellow (3%)

Blue (5%)

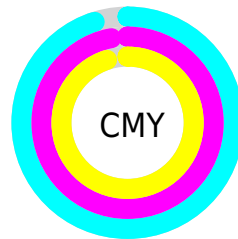


Cyan (8%)

Magenta (46%)

Yellow (0%)

Black (95%)



Cyan (95%)

Magenta (97%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C070D 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 0C070D by changing the saturation by 10% instead.



■ 0C070D

■ 0C070D

■ ECE8ED

■ 000000

■ 383438

■ 4E4B4F

■ 666367

■ 7F7C80

■ 99969A

■ B4B0B5

■ D0CCD0

■ 0C070D

■ 0C070D

■ 0C060D

■ 0C080D

■ 0C040D

■ 0C0A0D

■ 0B030D

■ 0D0B0D

■ 0B020D

■ 0D0C0D

■ 0B000D

■ 0D0E0D

■ 0D0F0D

■ 0E100D

■ 0E110D

■ 0E130D

# Harmonies

## Analogous

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



08080F



0C070D



0F060A

# Triad

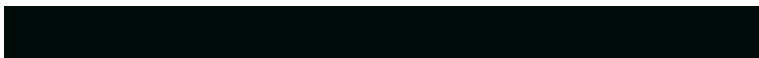
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0C070D



0D0802



000B0B

# Complementary

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



0C070D



080D07

# 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.



020B07



0C070D



090902

# Square

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



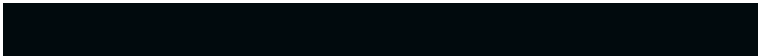
0C070D



0F0703



050A04



010A0D

# Rectangle

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



0C070D



100608



050A04



010B0A



# Sweetspot

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



0C070D



110F12



07080D



0A080A



8A8A8A



0A0A0A



# Same Dimension

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



0C070D



100812



0D070B



080708



3C0047



A600C7



# Inverse Universe

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



0D0708



12080A



070D09



080707



47000C



C70021



# Previews

## White Background



This preview shows how the Hex color 0C070D looks on a white background.

## Color Contrast Check

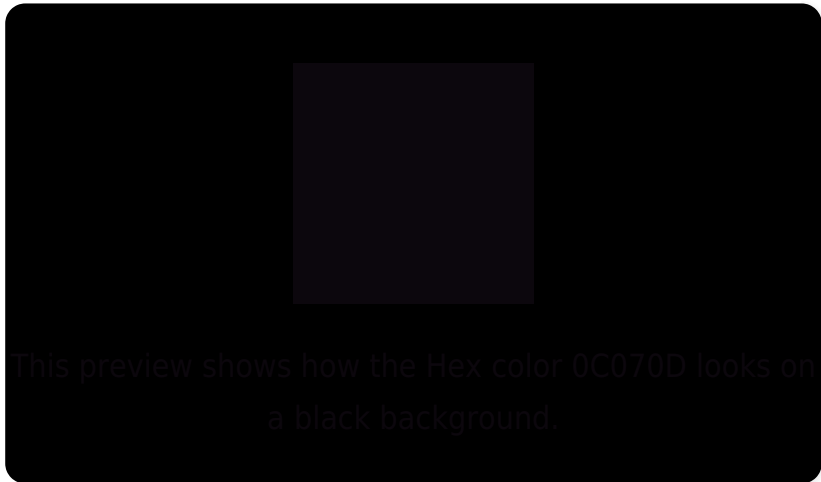
Large Text (above 18pt) WCAG AA ✓ Pass

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

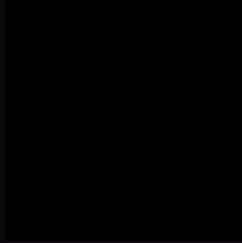
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0C070D Background



This preview shows how black text looks on a background with the Hex color 0C070D.

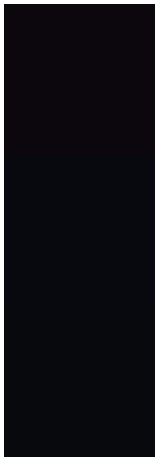


This preview shows how white text looks on a background with the Hex color 0C070D.

# 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**  
0C070D

**Protanopia**  
07090E

**Deuteranopia**  
08090D



**Tritanopia**  
0B0809

# Trichromacy



**Original Color**  
0C070D

**Protanomaly**  
09080E

**Deuteranomaly**  
09080D

**Tritanomaly**  
0B080A

# Monochromacy



**Original Color**  
0C070D

**Achromatopsia**  
090909

**Achromatomaly**  
0A080A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C070D 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 #0C070D looks like.

```
.text, #text, p{  
    color:#0C070D  
}
```

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 #0C070D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C070D
}
```

## Border

The CSS property to change the border of an element to Hex 0C070D is called "border". The border property can be set on classes, ids or directly on the HTML element.

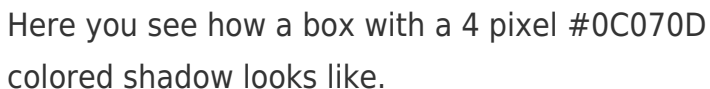
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C070D }
```

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

```
.border{ border-color:#0C070D }
```

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



Here you see how a box with a 4 pixel #0C070D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C070D; -webkit-box-shadow:4px 4px  
4px 4px #0C070D; box-shadow:4px 4px 4px  
4px #0C070D }
```

# Background

The CSS property to change the background color of an element to Hex 0C070D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C070D }
```

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

```
.background{ background-color:#0C070D }
```

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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