

# Converting Colors

Hex(0C090D)

Have a look what the booklet for  
Hex(0C090D) contains.

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# Color

**Hex(0C090D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C090D
RGB	12, 9, 13
RGB Percent	5%, 4%, 5%
CMY	0.9529, 0.9647, 0.9490
CMYK	0.08, 0.31, 0.00, 0.95
HSL	285°, 18%, 4%
HSV	285°, 31%, 5%
XYZ	0.3220, 0.3026, 0.4222
YIQ	10.3530, 0.5040, 1.8800

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 9, 13
Decimal	788749
CIE Lab	2.73, 1.41, -1.33
CIE LCh	3, 1.934, 316.687
Yxy	0.3026, 0.3076, 0.2891
Android (android.graphics.Color)	4278978829 (0xFF0C090D)
YUV	10.3530, 1.3050, 1.4444
Hunter-Lab	5.5009, 0.8207, -0.7001

# Details

The Hex color **0C090D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0A0D09**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **383638**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0C080D**, and if you desaturate by 10%, it is **0C0A0D**.

# Distribution



Red (5%)

Green (4%)

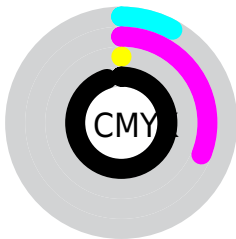
Blue (5%)



Red (5%)

Yellow (4%)

Blue (5%)



Cyan (8%)

Magenta (31%)

Yellow (0%)

Black (95%)



Cyan (95%)

Magenta (96%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C090D 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 0C090D by changing the saturation by 10% instead.



■ 0C090D

■ 0C090D

■ ECE9ED

■ 000000

■ 383638

■ 4E4C4F

■ 666467

■ 7F7D80

■ 99979A

■ B4B2B5

■ D0CDD0

■ 0C090D

■ 0C090D

■ 0C080D

■ 0C0A0D

■ 0B060D

■ 0D0C0D

■ 0B050D

■ 0D0D0D

■ 0B040D

■ 0D0E0D

■ 0A020D

■ 0E100D

■ 0A010D

■ 0E110D

■ 0A000D

■ 0E120D

■ 0F130D

■ 0F150D

# Harmonies

## Analogous

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



090A0E



0C090D



0E090B

# Triad

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



0C090D



0D0905



050B0B

# Complementary

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



0C090D



0A0D09

# 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.



060B09



0C090D



0B0A05

# Square

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



0C090D



0E0907



080B07



050B0D

# Rectangle

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



0C090D



0F080A



080B07



050B0A



# Sweetspot

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



0C090D



111012



090A0D



0A090A



8A8A8A



0A0A0A



# Same Dimension

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



0C090D



100B12



0D090C



070708



360047



9500C7



# Inverse Universe

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



0D090A



120B0D



090D0A



080707



470012

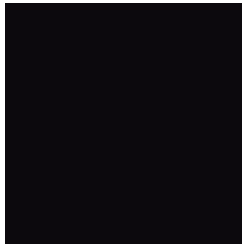


C70032



# Previews

## White Background



This preview shows how the Hex color 0C090D looks on a white background.

## Color Contrast Check

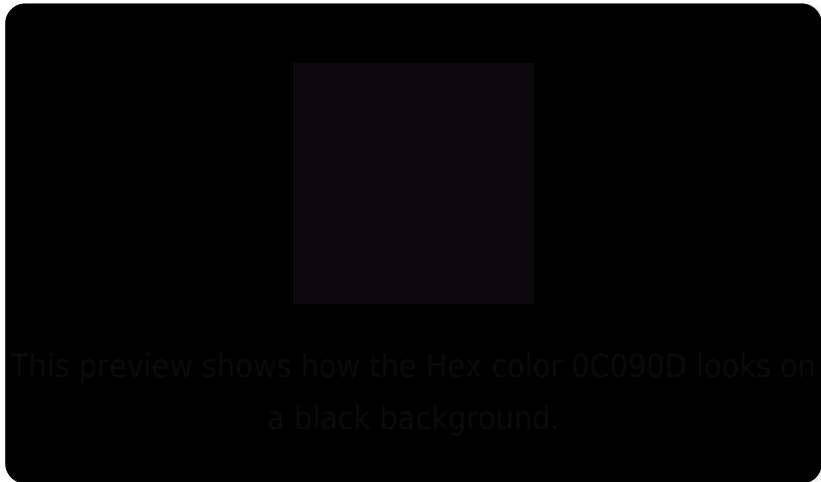
Large Text (above 18pt) WCAG AA ✓ Pass

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

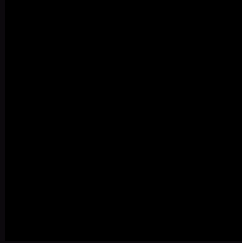
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0C090D Background



This preview shows how black text looks on a background with the Hex color 0C090D.



This preview shows how white text looks on a background with the Hex color 0C090D.

# 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**  
0C090D

**Protanopia**  
090A0E

**Deuteranopia**  
0A0A0D



# Trichromacy



**Original Color**

0C090D

**Protanomaly**

0A0A0E

**Deuteranomaly**

0B0A0D

**Tritanomaly**

0C0A0B

# Monochromacy



**Original Color**

0C090D

**Achromatopsia**

0A0A0A

**Achromatomaly**

0B0A0B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C090D 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 #0C090D looks like.

```
.text, #text, p{  
    color:#0C090D  
}
```

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 #0C090D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C090D
}
```

## Border

The CSS property to change the border of an element to Hex 0C090D 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
#0C090D }
```

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

```
.border{ border-color:#0C090D }
```

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

Here you see how a box with a 4 pixel #0C090D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C090D; -webkit-box-shadow:4px 4px  
4px 4px #0C090D; box-shadow:4px 4px 4px  
4px #0C090D }
```

# Background

The CSS property to change the background color of an element to Hex 0C090D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C090D }
```

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

```
.background{ background-color:#0C090D }
```

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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