

Converting Colors

Hex(0C101D)

Have a look what the booklet for
Hex(0C101D) contains.

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Color

Hex(0C101D)

Conversions

Conversions Part 1

Format	Color
Hex	0C101D
RGB	12, 16, 29
RGB Percent	5%, 6%, 11%
CMY	0.9529, 0.9373, 0.8863
CMYK	0.59, 0.45, 0.00, 0.89
HSL	226°, 41%, 8%
HSV	226°, 59%, 11%
XYZ	0.5587, 0.5375, 1.2367
YIQ	16.2860, -6.5570, 3.1950

Conversions

Conversions Part 2

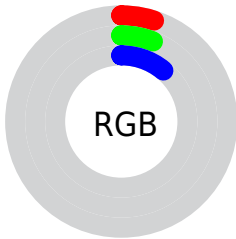
Format	Color
R_YB	12, 15, 29
Decimal	790557
CIE Lab	4.85, 1.96, -9.00
CIE LCh	5, 9.211, 282.286
Yxy	0.5375, 0.2395, 0.2304
Android (android.graphics.Color)	4278980637 (0xFF0C101D)
YUV	16.2860, 6.2680, -3.7588
Hunter-Lab	7.3311, 0.7735, -4.8699

Details

The Hex color **0C101D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1D190C**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **373B48**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **090E1D**, and if you desaturate by 10%, it is **0F121D**.

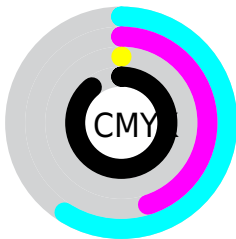
Distribution



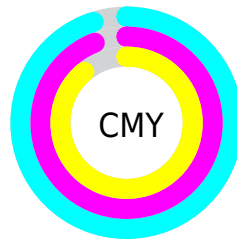
- Red (5%)
- Green (6%)
- Blue (11%)



- Red (5%)
- Yellow (6%)
- Blue (11%)



- Cyan (59%)
- Magenta (45%)
- Yellow (0%)
- Black (89%)



- Cyan (95%)
- Magenta (94%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C101D 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 0C101D by changing the saturation by 10% instead.

■ 0C101D

■ 0C101D

■ ECF0FF

■ 000000

■ 373B48

■ 4E5260

■ 666A79

■ 7F8393

■ 999DAD

■ B4B8C9

■ CFD3E5

■ 0C101D

■ 0C101D

■ 090E1D

■ 0F121D

■ 060C1D

■ 12141D

■ 03091D

■ 15171D

■ 00071D

■ 18191D

■ 1B1B1D

■ 1D1D1D

■ 20201D

■ 23221D

■ 26241D

Harmonies

Analogous

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



00131D



0C101D



160D1A

Triad

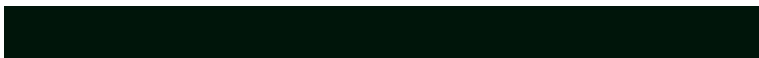
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0C101D



1E0C03



00150A

Complementary

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



0C101D



1D190C

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.



091301



0C101D



1A0E00

Square

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



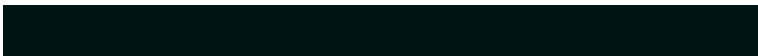
0C101D



1E0B0D



131100



001513

Rectangle

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



0C101D



1A0C17



131100



011407

Sweetspot

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



0C101D



1F2126



0C1D19



101114



949494



141414

Same Dimension

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



0C101D



0B1226



100C1D



0E0E0F



00134F



0031CF

Inverse Universe

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



1D0C10



260B12



191D0C



0F0E0E



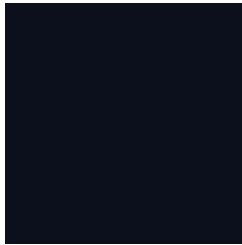
4F0013



CF0031

Previews

White Background



This preview shows how the Hex color 0C101D looks on a white background.

Color Contrast Check

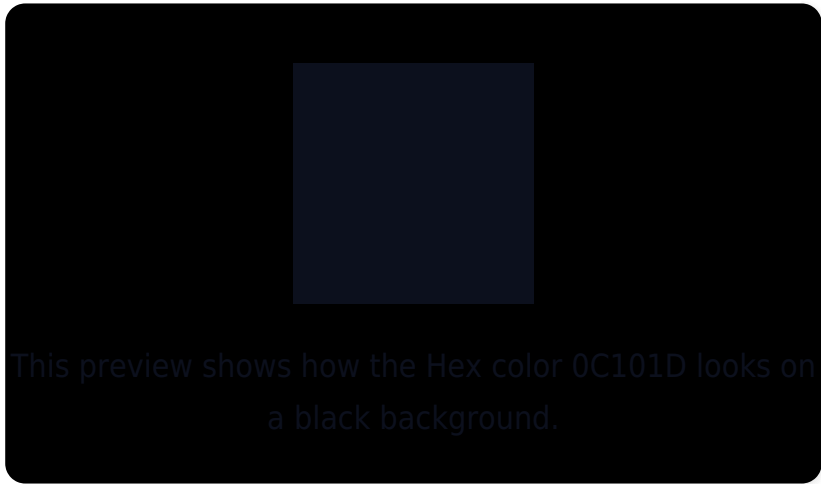
Large Text (above 18pt) WCAG AA ✓ Pass

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

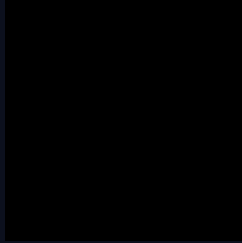
Any Text WCAG AA × Fail

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 0C101D Background



This preview shows how black text looks on a background with the Hex color 0C101D.



This preview shows how white text looks on a background with the Hex color 0C101D.

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
0C101D

Protanopia
0B101D

Deuteranopia
07111D



Tritanopia
081214

Trichromacy



Original Color
0C101D

Protanomaly
0B101D

Deuteranomaly
09111D

Tritanomaly
091117

Monochromacy



Original Color
0C101D

Achromatopsia
101010

Achromatomaly
0F1015

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C101D 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 #0C101D looks like.

```
.text, #text, p{  
    color:#0C101D  
}
```

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 #0C101D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C101D
}
```

Border

The CSS property to change the border of an element to Hex 0C101D is called "border". The border property can be set on classes, ids or directly on the HTML element.

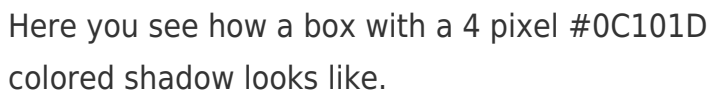
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C101D }
```

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

```
.border{ border-color:#0C101D }
```

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



Here you see how a box with a 4 pixel #0C101D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C101D; -webkit-box-shadow:4px 4px  
4px 4px #0C101D; box-shadow:4px 4px 4px  
4px #0C101D }
```

Background

The CSS property to change the background color of an element to Hex 0C101D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C101D }
```

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

```
.background{ background-color:#0C101D }
```

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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