

Converting Colors

Hex(0C111D)

Have a look what the booklet for
Hex(0C111D) contains.

Hex(0C111D)	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(0C111D)

Conversions

Conversions Part 1

Format	Color
Hex	0C111D
RGB	12, 17, 29
RGB Percent	5%, 7%, 11%
CMY	0.9529, 0.9333, 0.8863
CMYK	0.59, 0.41, 0.00, 0.89
HSL	222°, 41%, 8%
HSV	222°, 59%, 11%
XYZ	0.5738, 0.5678, 1.2417
YIQ	16.8730, -6.8320, 2.6720

Conversions

Conversions Part 2

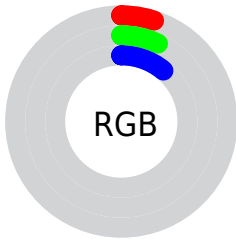
Format	Color
RYB	12, 16, 29
Decimal	790813
CIELab	5.13, 1.40, -8.59
CIELCh	5, 8.703, 279.261
Yxy	0.5678, 0.2408, 0.2382
Android (android.graphics.Color)	4278980893 (0xFF0C111D)
YUV	16.8730, 5.9786, -4.2736
Hunter-Lab	7.5350, 0.4075, -4.4962




Details

The Hex color **0C111D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1D180C**, and the grayscale version is **111111**.




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 **090F1D**, and if you desaturate by 10%, it is **0F131D**.

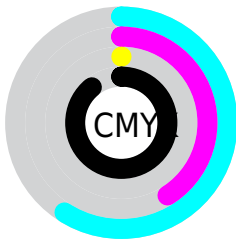
Distribution







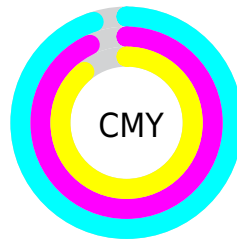
-  Red (5%)
-  Green (7%)
-  Blue (11%)






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



-  Cyan (59%)
-  Magenta (41%)
-  Yellow (0%)
-  Black (89%)



-  Cyan (95%)
-  Magenta (93%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C111D 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 0C111D by changing the saturation by 10% instead.

■ 0C111D

■ 0C111D

■ ECF1FF

■ 000000

■ 373B48

■ 4E5260

■ 666B79

■ 7F8493

■ 999EAD

■ B4B9C9

■ CFD4E5

■ 0C111D

■ 0C111D

■ 090F1D

■ 0F131D

■ 060D1D

■ 12151D

■ 030B1D

■ 15171D

■ 00091D

■ 18191D

■ 1B1B1D

■ 1D1D1D

■ 201F1D

■ 23211D

■ 26231D

Harmonies

Analogous

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



01131C



0C111D



150E1B

Triad

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



0C111D



1E0D06



01150B

Complementary

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



0C111D



1D180C

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.



0C1402



0C111D



1B0F00

Square

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



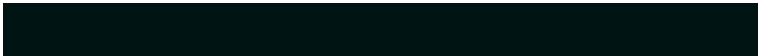
0C111D



1E0C0F



151100



001513

Rectangle

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



0C111D



1A0D18



151100



041508

Sweetspot

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



0C111D



1F2126



0C1D18



101114



949494



141414

Same Dimension

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



0C111D



0B1326



0F0C1D



0E0E0F



00174F



003DCF

Inverse Universe

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



1D0C11



260B13



1A1D0C



0F0E0E



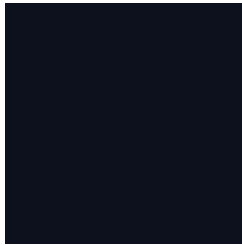
4F0017



CF003D

Previews

White Background



This preview shows how the Hex color 0C111D looks on a white background.

Color Contrast Check

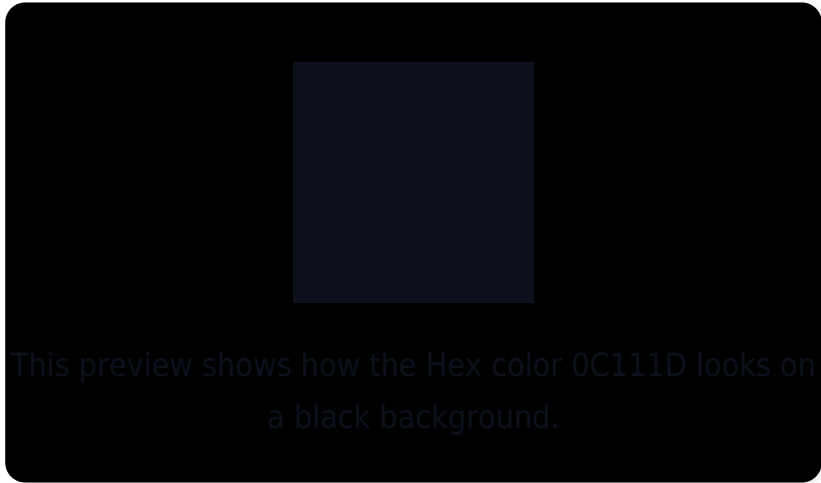
Large Text (above 18pt) WCAG AA ✓ Pass

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

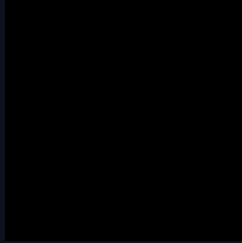
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

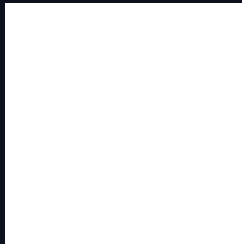
Any Text WCAG AAA × Fail

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

Hex 0C111D Background



This preview shows how black text looks on a background with the Hex color 0C111D.



This preview shows how white text looks on a background with the Hex color 0C111D.

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
0C111D

Protanopia
0C111D

Deuteranopia
0A111D



Tritanopia
081314

Trichromacy



Original Color

0C111D

Protanomaly

0C111D

Deuteranomaly

0B111D

Tritanomaly

091217

Monochromacy



Original Color

0C111D

Achromatopsia

111111

Achromatomaly

0F1115

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C111D 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 #0C111D looks like.

```
.text, #text, p{  
    color:#0C111D  
}
```

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 #0C111D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C111D
}
```

Border

The CSS property to change the border of an element to Hex 0C111D is called "border". The border property can be set on classes, ids or directly on the HTML element.

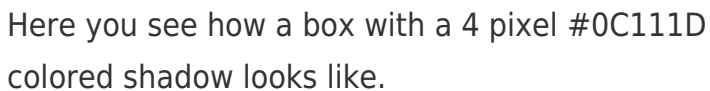
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C111D }
```

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

```
.border{ border-color:#0C111D }
```

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



Here you see how a box with a 4 pixel #0C111D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C111D; -webkit-box-shadow:4px 4px  
4px 4px #0C111D; box-shadow:4px 4px 4px  
4px #0C111D }
```

Background

The CSS property to change the background color of an element to Hex 0C111D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C111D }
```

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

```
.background{ background-color:#0C111D }
```

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