

Converting Colors

Hex(0C113D)

Have a look what the booklet for
Hex(0C113D) contains.

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Color

Hex(0C113D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 0C113D |
| RGB | 12, 17, 61 |
| RGB Percent | 5%, 7%, 24% |
| CMY | 0.9529, 0.9333, 0.7608 |
| CMYK | 0.80, 0.72, 0.00, 0.76 |
| HSL | 234°, 67%, 14% |
| HSV | 234°, 80%, 24% |
| XYZ | 1.1944, 0.8160, 4.5094 |
| YIQ | 20.5210, -17.1040, 12.6240 |

Conversions

Conversions Part 2

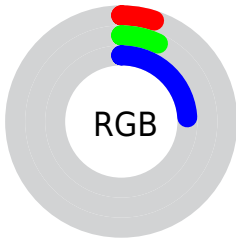
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 12, 17, 61 |
| Decimal | 790845 |
| CIELab | 7.37, 15.51, -28.90 |
| CIELCh | 7, 32.800, 298.217 |
| Yxy | 0.8160, 0.1832, 0.1252 |
| Android (android.graphics.Color) | 4278980925 (0xFF0C113D) |
| YUV | 20.5210, 19.9561, -7.4729 |
| Hunter-Lab | 9.0332, 7.7934, -23.2748 |

Details

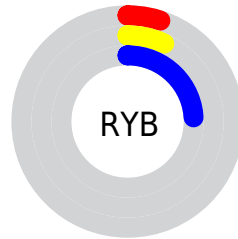
The Hex color **0C113D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3D380C**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **3E3B6D**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **060C3D**, and if you desaturate by 10%, it is **12163D**.

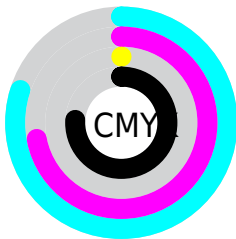
Distribution



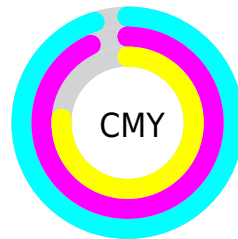
- Red (5%)
- Green (7%)
- Blue (24%)



- Red (5%)
- Yellow (7%)
- Blue (24%)



- Cyan (80%)
- Magenta (72%)
- Yellow (0%)
- Black (76%)



- Cyan (95%)
- Magenta (93%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C113D 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 0C113D by changing the saturation by 10% instead.

■ 0C113D

■ 0C113D

■ FAF0FF

■ 000027

■ 3E3B6D

■ 000110

■ 575287

■ 000000

■ 706AA1

■ 8A83BC

■ A59DD8

■ C1B8F5

■ DDD4FF

■ 0C113D

■ 0C113D

■ 060C3D

■ 12163D

■ 00063D

■ 181C3D

■ 1E213D

■ 24273D

■ 2B2C3D

■ 31323D

■ 37373D

■ 3D3D3D

■ 43423D

Harmonies

Analogous

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



001A42



0C113D



2E022D

Triad

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



0C113D



2F0B00



002214

Complementary

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



0C113D



3D380C

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.



002000



0C113D



1F1500

Square

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



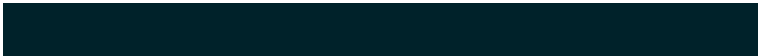
0C113D



390000



011C00



00222A

Rectangle

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



0C113D



370020



011C00



002109

Sweetspot

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



0C113D



3C3E4F



0C3D37



1D1E29



A8A8A8



292929

Same Dimension

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



0C113D



030B4F



1F0C3D



1C1C1F



000A5E



0017DE

Inverse Universe

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



3D0C11



4F030B



2A3D0C



1F1C1C



5E000A



DE0017

Previews

White Background



This preview shows how the Hex color 0C113D looks on a white background.

Color Contrast Check

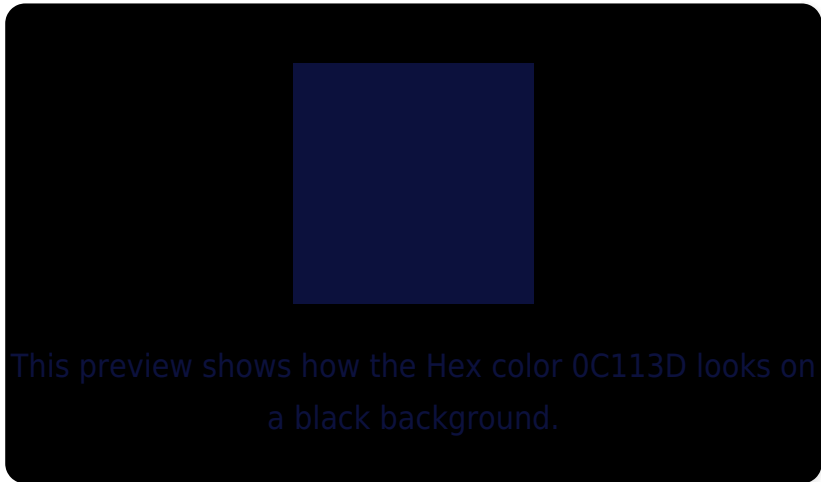
Large Text (above 18pt) WCAG AA ✓ Pass

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

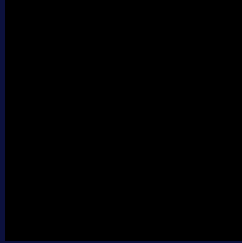
Any Text WCAG AA × Fail

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 0C113D Background



This preview shows how black text looks on a background with the Hex color 0C113D.



This preview shows how white text looks on a background with the Hex color 0C113D.

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
0C113D

Protanopia
00172F

Deuteranopia
001828



Tritanopia
001A1B

Trichromacy



Original Color
0C113D

Protanomaly
041534

Deuteranomaly
041530

Tritanomaly
041727

Monochromacy



Original Color
0C113D

Achromatopsia
151515

Achromatomaly
121424

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C113D 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 #0C113D looks like.

```
.text, #text, p{  
    color:#0C113D  
}
```

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 #0C113D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C113D
}
```

Border

The CSS property to change the border of an element to Hex 0C113D 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
#0C113D }
```

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

```
.border{ border-color:#0C113D }
```

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

Here you see how a box with a 4 pixel #0C113D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C113D; -webkit-box-shadow:4px 4px  
4px 4px #0C113D; box-shadow:4px 4px 4px  
4px #0C113D }
```

Background

The CSS property to change the background color of an element to Hex 0C113D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C113D }
```

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

```
.background{ background-color:#0C113D }
```

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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