

Converting Colors

Hex(0D172E)

Have a look what the booklet for
Hex(0D172E) contains.

Hex(0D172E)	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(0D172E)

Conversions

Conversions Part 1

Format	Color
Hex	0D172E
RGB	13, 23, 46
RGB Percent	5%, 9%, 18%
CMY	0.9490, 0.9098, 0.8196
CMYK	0.72, 0.50, 0.00, 0.82
HSL	222°, 56%, 12%
HSV	222°, 72%, 18%
XYZ	0.9655, 0.8956, 2.7068
YIQ	22.6320, -13.3430, 5.0330

Conversions

Conversions Part 2

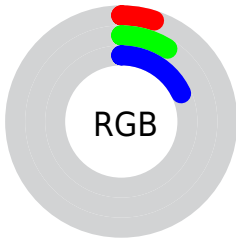
Format	Color
RYB	13, 21, 46
Decimal	857902
CIELab	8.09, 4.45, -16.84
CIELCh	8, 17.415, 284.812
Yxy	0.8956, 0.2114, 0.1961
Android (android.graphics.Color)	4279047982 (0xFF0D172E)
YUV	22.6320, 11.5204, -8.4473
Hunter-Lab	9.4637, 1.6497, -10.3332

Details

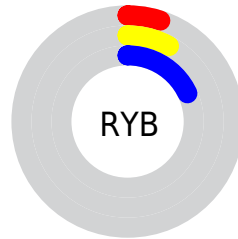
The Hex color **0D172E** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2E240D**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **3A415C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **08142E**, and if you desaturate by 10%, it is **121A2E**.

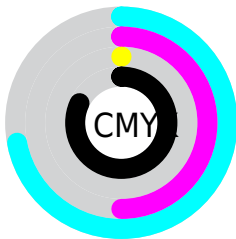
Distribution



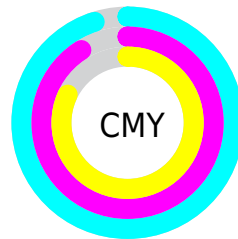
- Red (5%)
- Green (9%)
- Blue (18%)



- Red (5%)
- Yellow (8%)
- Blue (18%)



- Cyan (72%)
- Magenta (50%)
- Yellow (0%)
- Black (82%)



- Cyan (95%)
- Magenta (91%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D172E 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 0D172E by changing the saturation by 10% instead.

■ 0D172E

■ 0D172E

■ F2F8FF

■ 000119

■ 3A415C

■ 000000

■ 525975

■ 6B718E

■ 848AA9

■ 9EA5C4

■ BAC0E0

■ D5DCFD

■ 0D172E

■ 0D172E

■ 08142E

■ 121A2E

■ 04112E

■ 161D2E

■ 000E2E

■ 1B212E

■ 1F242E

■ 24272E

■ 292A2E

■ 2D2D2E

■ 32312E

■ 36342E

Harmonies

Analogous

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



001B2E



0D172E



201228

Triad

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



0D172E



2B1000



001E10

Complementary

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



0D172E



2E240D

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.



0C1C00



0D172E



241500

Square

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



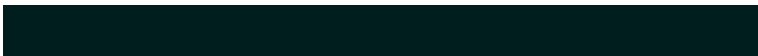
0D172E



2D0D12



1A1900



001E1D

Rectangle

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



0D172E



270F22



1A1900



001D0B

Sweetspot

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



0D172E



2E323B



0D2E24



17191F



9E9E9E



1F1F1F

Same Dimension

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



0D172E



08173B



130D2E



151517



001A57



0041D6

Inverse Universe

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



2E0D17



3B0817



282E0D



171515



57001A



D60041

Previews

White Background



This preview shows how the Hex color 0D172E looks on a white background.

Color Contrast Check

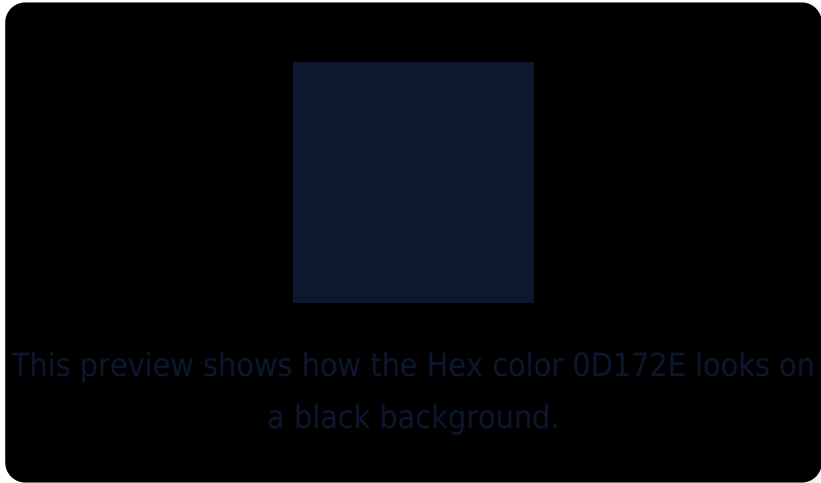
Large Text (above 18pt) WCAG AA ✓ Pass

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

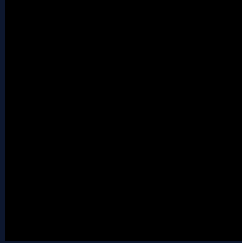
Any Text WCAG AA × Fail

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 0D172E Background



This preview shows how black text looks on a background with the Hex color 0D172E.



This preview shows how white text looks on a background with the Hex color 0D172E.

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
0D172E

Protanopia
0B172E

Deuteranopia
00192B



Tritanopia
001B1D

Trichromacy



Original Color

0D172E

Protanomaly

0C172E

Deuteranomaly

05182C

Tritanomaly

051A23

Monochromacy



Original Color

0D172E

Achromatopsia

171717

Achromatomaly

13171F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D172E 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 #0D172E looks like.

```
.text, #text, p{  
    color:#0D172E  
}
```

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 #0D172E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D172E
}
```

Border

The CSS property to change the border of an element to Hex 0D172E is called "border". The border property can be set on classes, ids or directly on the HTML element.

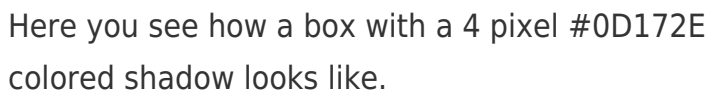
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D172E }
```

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

```
.border{ border-color:#0D172E }
```

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



Here you see how a box with a 4 pixel #0D172E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D172E; -webkit-box-shadow:4px 4px  
4px 4px #0D172E; box-shadow:4px 4px 4px  
4px #0D172E }
```

Background

The CSS property to change the background color of an element to Hex 0D172E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D172E }
```

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

```
.background{ background-color:#0D172E }
```

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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