

Converting Colors

Hex(0F172A)

Have a look what the booklet for
Hex(0F172A) contains.

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Color

Hex(0F172A)

Conversions

Conversions Part 1

Format	Color
Hex	0F172A
RGB	15, 23, 42
RGB Percent	6%, 9%, 16%
CMY	0.9412, 0.9098, 0.8353
CMYK	0.64, 0.45, 0.00, 0.84
HSL	222°, 47%, 11%
HSV	222°, 64%, 16%
XYZ	0.9213, 0.8815, 2.3121
YIQ	22.7740, -10.8670, 4.2130

Conversions

Conversions Part 2

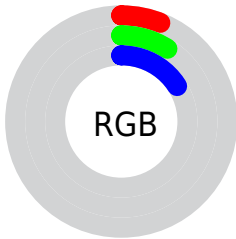
Format	Color
RYB	15, 21, 42
Decimal	988970
CIELab	7.96, 3.32, -14.07
CIELCh	8, 14.455, 283.284
Yxy	0.8815, 0.2239, 0.2142
Android (android.graphics.Color)	4279179050 (0xFF0F172A)
YUV	22.7740, 9.4784, -6.8178
Hunter-Lab	9.3889, 1.0852, -8.0283




Details

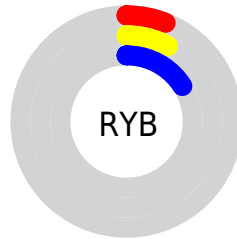
The Hex color **0F172A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **2A220F**, and the grayscale version is **171717**.




A 20% lighter version of the original color is **3B4157**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0B142A**, and if you desaturate by 10%, it is **131A2A**.

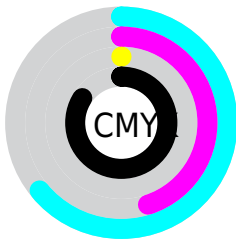
Distribution







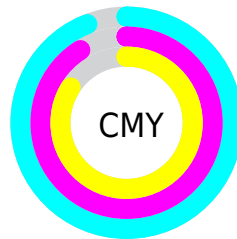
-  Red (6%)
-  Green (9%)
-  Blue (16%)






-  Red (6%)
-  Yellow (8%)
-  Blue (16%)



-  Cyan (64%)
-  Magenta (45%)
-  Yellow (0%)
-  Black (84%)



-  Cyan (94%)
-  Magenta (91%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F172A 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 0F172A by changing the saturation by 10% instead.

■ 0F172A

■ 0F172A

■ F2F8FF

■ 000116

■ 3B4157

■ 000000

■ 525970

■ 6B7189

■ 848AA4

■ 9FA5BF

■ BAC0DB

■ D6DCF7

■ 0F172A

■ 0F172A

■ 0B142A

■ 131A2A

■ 07112A

■ 171D2A

■ 020E2A

■ 1C202A

■ 000C2A

■ 20232A

■ 24262A

■ 28292A

■ 2C2C2A

■ 312F2A

■ 35322A

Harmonies

Analogous

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



001A2A



0F172A



1E1325

Triad

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



0F172A



281105



001D11

Complementary

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



0F172A



2A220F

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.



0F1B03



0F172A



231500

Square

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



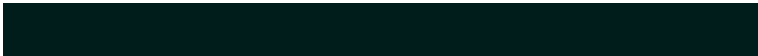
0F172A



290F13



1B1800



001D1B

Rectangle

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



0F172A



241120



1B1800



031C0C

Sweetspot

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



0F172A



2B2E36



0F2A22



16181C



9C9C9C



1C1C1C

Same Dimension

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



0F172A



0C1936



140F2A



121314



001954



003FD4

Inverse Universe

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



2A0F17



360C19



252A0F



141213



540019



D4003F

Previews

White Background



This preview shows how the Hex color 0F172A looks on a white background.

Color Contrast Check

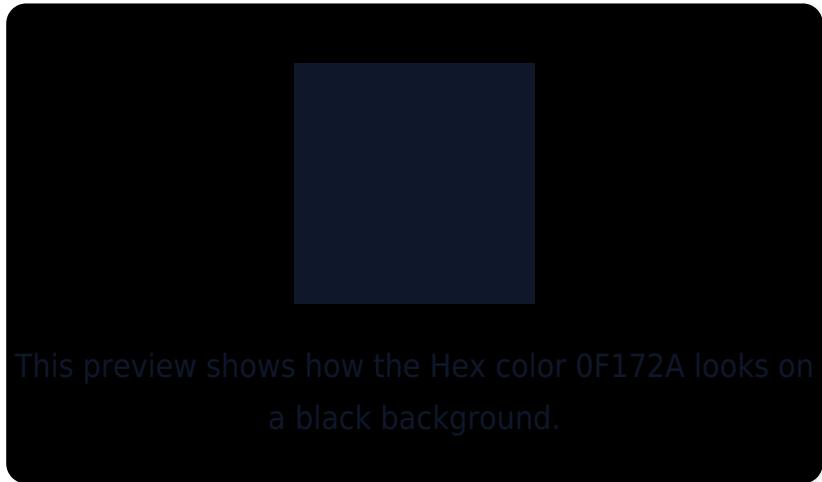
Large Text (above 18pt) WCAG AA ✓ Pass

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

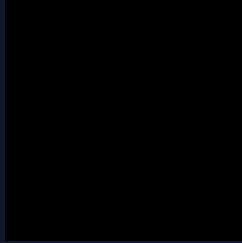
Any Text WCAG AA × Fail

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 0F172A Background



This preview shows how black text looks on a background with the Hex color 0F172A.



This preview shows how white text looks on a background with the Hex color 0F172A.

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
0F172A

Protanopia
0F172A

Deuteranopia
08182A



Tritanopia
071A1C

Trichromacy



Original Color
0F172A

Protanomaly
0F172A

Deuteranomaly
0B182A

Tritanomaly
0A1921

Monochromacy



Original Color
0F172A

Achromatopsia
171717

Achromatomaly
14171E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F172A 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 #0F172A looks like.

```
.text, #text, p{  
    color:#0F172A  
}
```

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 #0F172A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F172A
}
```

Border

The CSS property to change the border of an element to Hex 0F172A is called "border". The border property can be set on classes, ids or directly on the HTML element.

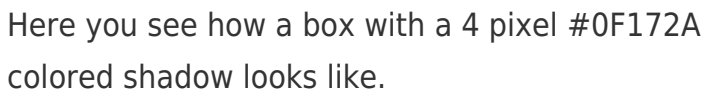
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0F172A }
```

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

```
.border{ border-color:#0F172A }
```

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



Here you see how a box with a 4 pixel #0F172A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F172A; -webkit-box-shadow:4px 4px  
4px 4px #0F172A; box-shadow:4px 4px 4px  
4px #0F172A }
```

Background

The CSS property to change the background color of an element to Hex 0F172A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F172A }
```

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

```
.background{ background-color:#0F172A }
```

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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