

Converting Colors

Hex(0C122B)

Have a look what the booklet for
Hex(0C122B) contains.

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Color

Hex(0C122B)

Conversions

Conversions Part 1

Format	Color
Hex	0C122B
RGB	12, 18, 43
RGB Percent	5%, 7%, 17%
CMY	0.9529, 0.9294, 0.8314
CMYK	0.72, 0.58, 0.00, 0.83
HSL	228°, 56%, 11%
HSV	228°, 72%, 17%
XYZ	0.8040, 0.6852, 2.3754
YIQ	19.0560, -11.6010, 6.5030

Conversions

Conversions Part 2

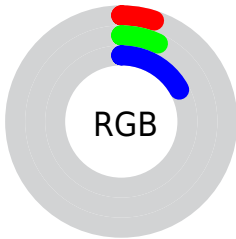
Format	Color
RYB	12, 17, 43
Decimal	791083
CIELab	6.19, 6.26, -17.63
CIELCh	6, 18.704, 289.540
Yxy	0.6852, 0.2080, 0.1773
Android (android.graphics.Color)	4278981163 (0xFF0C122B)
YUV	19.0560, 11.8044, -6.1881
Hunter-Lab	8.2776, 2.8510, -11.2197

Details

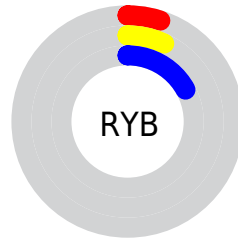
The Hex color **0C122B** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2B250C**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **383C59**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **080F2B**, and if you desaturate by 10%, it is **10152B**.

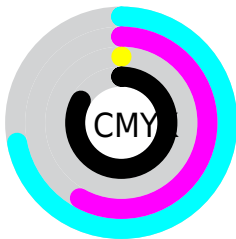
Distribution



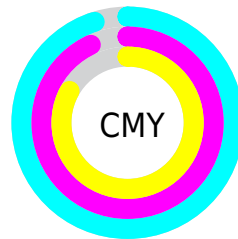
- Red (5%)
- Green (7%)
- Blue (17%)



- Red (5%)
- Yellow (7%)
- Blue (17%)



- Cyan (72%)
- Magenta (58%)
- Yellow (0%)
- Black (83%)



- Cyan (95%)
- Magenta (93%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C122B 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 0C122B by changing the saturation by 10% instead.

■ 0C122B

■ 0C122B

■ F0F2FF

■ 000116

■ 383C59

■ 000000

■ 505371

■ 686B8B

■ 8285A5

■ 9C9FC0

■ B7BADC

■ D3D5F9

■ 0C122B

■ 0C122B

■ 080F2B

■ 10152B

■ 030B2B

■ 15192B

■ 00082B

■ 191C2B

■ 1D202B

■ 22232B

■ 26272B

■ 2A2A2B

■ 2E2E2B

■ 33312B

Harmonies

Analogous

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



00172C



0C122B



1F0C24

Triad

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



0C122B



270C00



001B0D

Complementary

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



0C122B



2B250C

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.



001900



0C122B



1E1100

Square

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



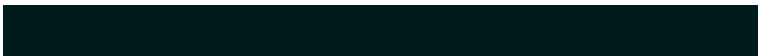
0C122B



2B0708



111600



001B1C

Rectangle

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



0C122B



26091D



111600



001B06

Sweetspot

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



0C122B



2C2E38



0C2B25



15161C



9C9C9C



1C1C1C

Same Dimension

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



0C122B



071138



150C2B



121314



001054



0029D4

Inverse Universe

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



2B0C12



380711



222B0C



141213



540010



D40029

Previews

White Background



This preview shows how the Hex color 0C122B looks on a white background.

Color Contrast Check

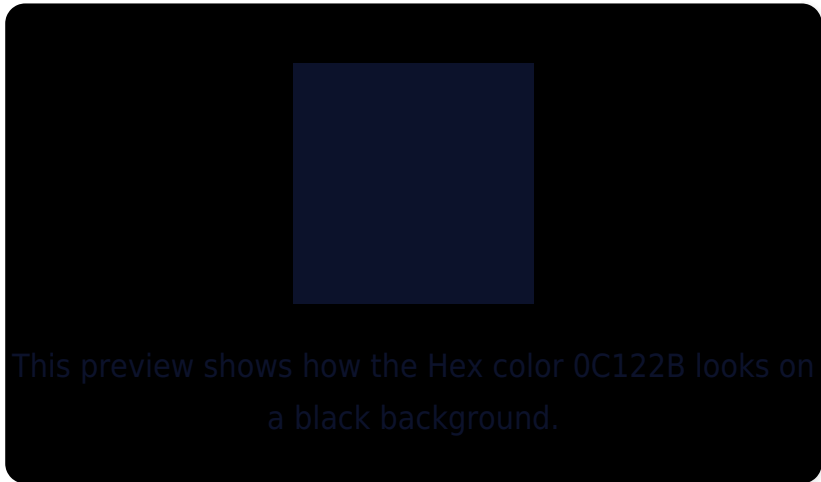
Large Text (above 18pt) WCAG AA ✓ Pass

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

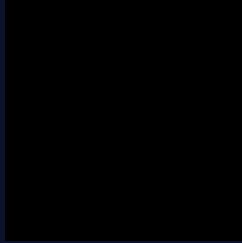
Any Text WCAG AA × Fail

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 0C122B Background



This preview shows how black text looks on a background with the Hex color 0C122B.



This preview shows how white text looks on a background with the Hex color 0C122B.

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
0C122B

Protanopia
001329

Deuteranopia
001524



Tritanopia
001618

Trichromacy



Original Color
0C122B

Protanomaly
04132A

Deuteranomaly
041427

Tritanomaly
04151F

Monochromacy



Original Color
0C122B

Achromatopsia
131313

Achromatomaly
10131C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C122B 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 #0C122B looks like.

```
.text, #text, p{  
    color:#0C122B  
}
```

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 #0C122B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C122B
}
```

Border

The CSS property to change the border of an element to Hex 0C122B 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
#0C122B }
```

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

```
.border{ border-color:#0C122B }
```

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

Here you see how a box with a 4 pixel #0C122B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C122B; -webkit-box-shadow:4px 4px  
4px 4px #0C122B; box-shadow:4px 4px 4px  
4px #0C122B }
```

Background

The CSS property to change the background color of an element to Hex 0C122B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C122B }
```

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

```
.background{ background-color:#0C122B }
```

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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