

Converting Colors

Hex(0D222F)

Have a look what the booklet for
Hex(0D222F) contains.

Hex(0D222F)	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(0D222F)

Conversions

Conversions Part 1

Format	Color
Hex	0D222F
RGB	13, 34, 47
RGB Percent	5%, 13%, 18%
CMY	0.9490, 0.8667, 0.8157
CMYK	0.72, 0.28, 0.00, 0.82
HSL	203°, 57%, 12%
HSV	203°, 72%, 18%
XYZ	1.2511, 1.4349, 2.9003
YIQ	29.2030, -16.6890, -0.4090

Conversions

Conversions Part 2

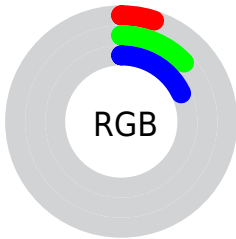
Format	Color
RYB	13, 26, 47
Decimal	860719
CIELab	12.19, -3.44, -11.13
CIElCh	12, 11.651, 252.811
Yxy	1.4349, 0.2240, 0.2569
Android (android.graphics.Color)	4279050799 (0xFF0D222F)
YUV	29.2030, 8.7739, -14.2100
Hunter-Lab	11.9785, -2.3191, -5.9708

Details

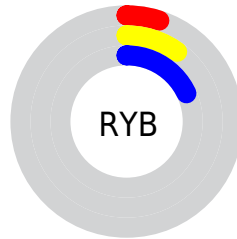
The Hex color **0D222F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F1A0D**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **3B4E5D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **08202F**, and if you desaturate by 10%, it is **12242F**.

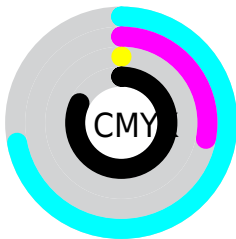
Distribution



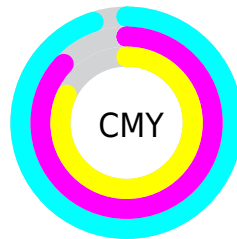
- Red (5%)
- Green (13%)
- Blue (18%)



- Red (5%)
- Yellow (10%)
- Blue (18%)



- Cyan (72%)
- Magenta (28%)
- Yellow (0%)
- Black (82%)



- Cyan (95%)
- Magenta (87%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D222F 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 0D222F by changing the saturation by 10% instead.

0D222F

0D222F

F3FFFF

000C1A

3B4E5D

000000

526676

6B7F8F

8599AA

9FB4C5

BACFE1

D6EBFE

0D222F

0D222F

■ 08202F

■ 12242F

■ 041E2F

■ 16262F

■ 001D2F

■ 1B272F

■ 20292F

■ 252B2F

■ 292D2F

■ 2E2F2F

■ 33302F

■ 37322F

Harmonies

Analogous

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



04242B



0D222F



1A1F2F

Triad

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



0D222F



301A1D



192314

Complementary

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



0D222F



2F1A0D

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.



22200F



0D222F



2E1B15

Square

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



0D222F



2D1A25



291E10



0F241B

Rectangle

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



0D222F



221E2D



291E10



1C2212

Sweetspot

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



0D222F



30383D



0D2F19



171C1F



9E9E9E



1F1F1F

Same Dimension

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



0D222F



08293D



0D122F



151617



003657



0084D6

Inverse Universe

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



2F0D22



3D0829



2F2A0D



171516



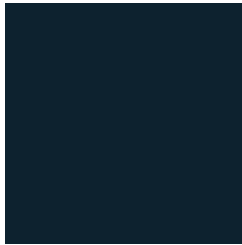
570036



D60084

Previews

White Background



This preview shows how the Hex color 0D222F looks on a white background.

Color Contrast Check

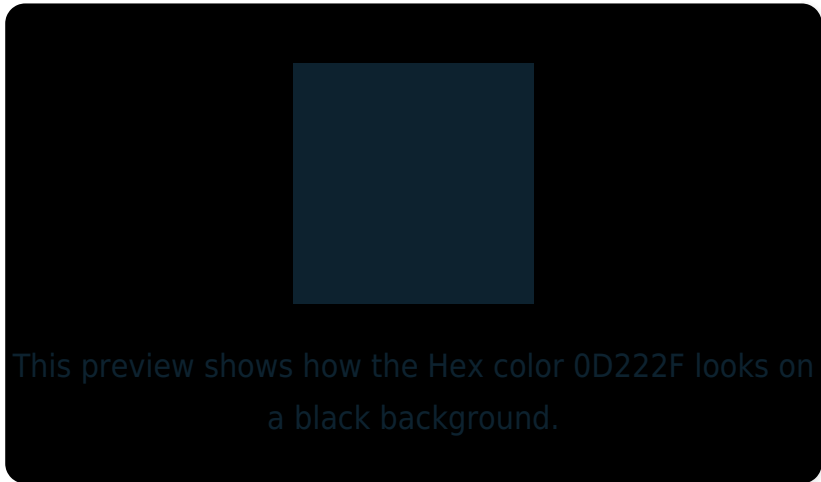
Large Text (above 18pt) WCAG AA ✓ Pass

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

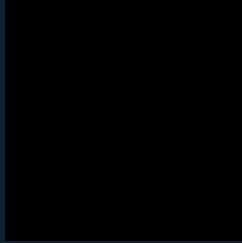
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

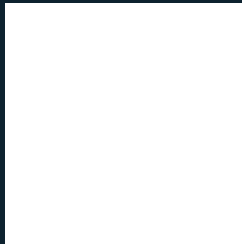
Any Text WCAG AAA × Fail

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

Hex 0D222F Background



This preview shows how black text looks on a background with the Hex color 0D222F.



This preview shows how white text looks on a background with the Hex color 0D222F.

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
0D222F

Protanopia
1C202D

Deuteranopia
19202F



Tritanopia
052426

Trichromacy



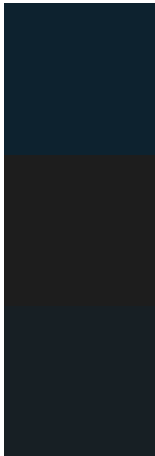
Original Color
0D222F

Protanomaly
17212E

Deuteranomaly
15212F

Tritanomaly
082329

Monochromacy



Original Color
0D222F

Achromatopsia
1D1D1D

Achromatomaly
171F24

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D222F 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 #0D222F looks like.

```
.text, #text, p{  
    color:#0D222F  
}
```

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 #0D222F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D222F
}
```

Border

The CSS property to change the border of an element to Hex 0D222F 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
#0D222F }
```

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

```
.border{ border-color:#0D222F }
```

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

Here you see how a box with a 4 pixel #0D222F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D222F; -webkit-box-shadow:4px 4px  
4px 4px #0D222F; box-shadow:4px 4px 4px  
4px #0D222F }
```

Background

The CSS property to change the background color of an element to Hex 0D222F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D222F }
```

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

```
.background{ background-color:#0D222F }
```

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