

# Converting Colors

Hex(0F2333)

Have a look what the booklet for  
Hex(0F2333) contains.

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# Color

**Hex(0F2333)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F2333
RGB	15, 35, 51
RGB Percent	6%, 14%, 20%
CMY	0.9412, 0.8627, 0.8000
CMYK	0.71, 0.31, 0.00, 0.80
HSL	207°, 55%, 13%
HSV	207°, 71%, 20%
XYZ	1.3956, 1.5426, 3.3562
YIQ	30.8440, -17.0560, 0.7360

# Conversions

## Conversions Part 2

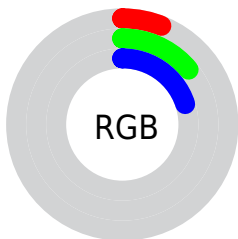
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 28, 51
Decimal	992051
CIELab	12.88, -2.03, -12.92
CIELCh	13, 13.080, 261.061
Yxy	1.5426, 0.2217, 0.2451
Android (android.graphics.Color)	4279182131 (0xFF0F2333)
YUV	30.8440, 9.9369, -13.8952
Hunter-Lab	12.4203, -1.6788, -7.3269

# Details

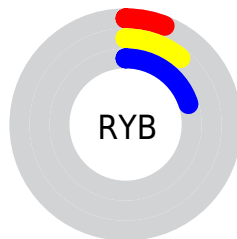
The Hex color **0F2333** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **331F0F**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **3D4F61**, and **000002** is the 20% darker color. If you saturate the color by 10%, you get **0A2133**, and if you desaturate by 10%, it is **142533**.

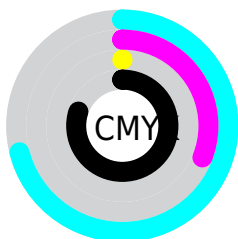
# Distribution



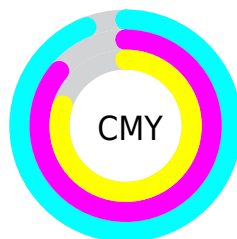
- Red (6%)
- Green (14%)
- Blue (20%)



- Red (6%)
- Yellow (11%)
- Blue (20%)



- Cyan (71%)
- Magenta (31%)
- Yellow (0%)
- Black (80%)



- Cyan (94%)
- Magenta (86%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F2333 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 0F2333 by changing the saturation by 10% instead.



■ 0F2333

■ 0F2333

■ F6FFFF

■ 000D1E

■ 3D4F61

■ 000002

■ 55677A

■ 000000

■ 6E8094

■ 879AAF

■ A2B5CA

■ BDD1E6

■ D9EDFF

■ 0F2333

■ 0F2333

■ 0A2133

■ 142533

■ 051E33

■ 192833

■ 001C33

■ 1E2A33

■ 232C33

■ 292E33

■ 2E3133

■ 333333

■ 383533

■ 3D3733

# Harmonies

## Analogous

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



01252F



0F2333



1E2032

# Triad

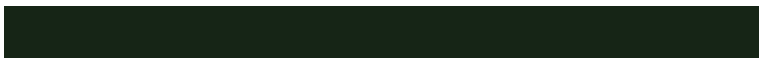
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0F2333



331B1B



162516

# Complementary

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



0F2333



331F0F

# 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.



21230F



0F2333



301D13

# Square

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



0F2333



311A24



2A200E



0A261E

# Rectangle

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



0F2333



271E2F



2A200E



1A2413



# Sweetspot

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



0F2333



343C42



0F331F



191D21



A1A1A1



212121



# Same Dimension

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



0F2333



0A2942



0F1133



17181A



003259



0078D9



# Inverse Universe

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



330F23



420A29



33310F



1A1718



590032

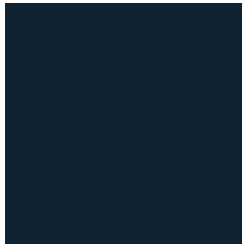


D90078



# Previews

## White Background



This preview shows how the Hex color 0F2333 looks on a white background.

## Color Contrast Check

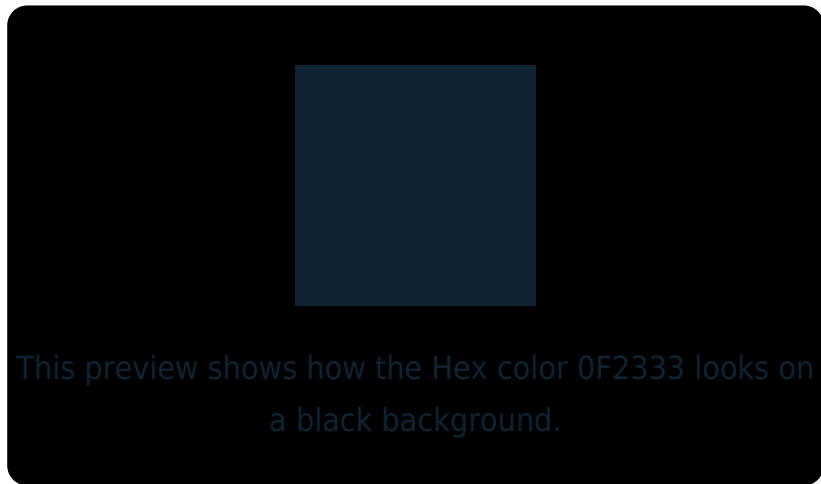
Large Text (above 18pt) WCAG AA ✓ Pass

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

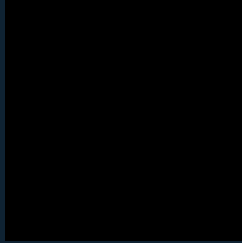
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F2333 Background



This preview shows how black text looks on a background with the Hex color 0F2333.



This preview shows how white text looks on a background with the Hex color 0F2333.

# 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**  
0F2333

**Protanopia**  
1C2131

**Deuteranopia**  
192133



**Tritanopia**  
062528

# Trichromacy



**Original Color**  
0F2333

**Protanomaly**  
172232

**Deuteranomaly**  
152233

**Tritanomaly**  
09242C

# Monochromacy



**Original Color**  
0F2333

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
192026

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F2333 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 #0F2333 looks like.

```
.text, #text, p{  
    color:#0F2333  
}
```

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 #0F2333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F2333
}
```

## Border

The CSS property to change the border of an element to Hex 0F2333 is called "border". The border property can be set on classes, ids or directly on the HTML element.

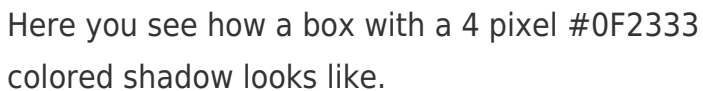
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0F2333 }
```

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

```
.border{ border-color:#0F2333 }
```

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



Here you see how a box with a 4 pixel #0F2333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F2333; -webkit-box-shadow:4px 4px  
4px 4px #0F2333; box-shadow:4px 4px 4px  
4px #0F2333 }
```

# Background

The CSS property to change the background color of an element to Hex 0F2333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F2333 }
```

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

```
.background{ background-color:#0F2333 }
```

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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