

Converting Colors

Hex(0F2431)

Have a look what the booklet for
Hex(0F2431) contains.

Hex(0F2431)	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(0F2431)

Conversions

Conversions Part 1

Format	Color
Hex	0F2431
RGB	15, 36, 49
RGB Percent	6%, 14%, 19%
CMY	0.9412, 0.8588, 0.8078
CMYK	0.69, 0.27, 0.00, 0.81
HSL	203°, 53%, 13%
HSV	203°, 69%, 19%
XYZ	1.3823, 1.5851, 3.1388
YIQ	31.2030, -16.6890, -0.4090

Conversions

Conversions Part 2

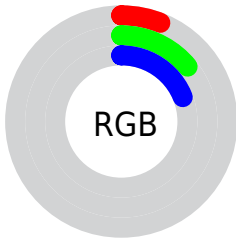
Format	Color
RYB	15, 28, 49
Decimal	992305
CIELab	13.14, -3.55, -11.08
CIElCh	13, 11.640, 252.224
Yxy	1.5851, 0.2264, 0.2596
Android (android.graphics.Color)	4279182385 (0xFF0F2431)
YUV	31.2030, 8.7739, -14.2100
Hunter-Lab	12.5899, -2.4347, -5.9688

Details

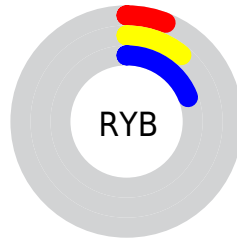
The Hex color **0F2431** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **311C0F**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **3D505F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0A2231**, and if you desaturate by 10%, it is **142631**.

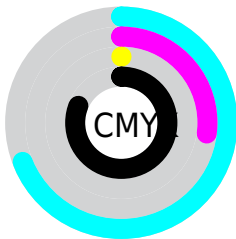
Distribution



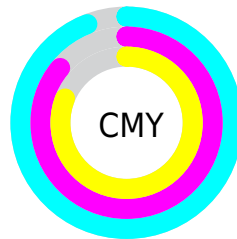
- Red (6%)
- Green (14%)
- Blue (19%)



- Red (6%)
- Yellow (11%)
- Blue (19%)



- Cyan (69%)
- Magenta (27%)
- Yellow (0%)
- Black (81%)



- Cyan (94%)
- Magenta (86%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F2431 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 0F2431 by changing the saturation by 10% instead.

■ 0F2431

■ 0F2431

■ F5FFFF

■ 000F1C

■ 3D505F

■ 000000

■ 546878

■ 6D8292

■ 879CAC

■ A1B6C8

■ BDD2E4

■ D9EEFF

■ 0F2431

■ 0F2431

■ 0A2231

■ 142631

■ 052031

■ 192831

■ 001E31

■ 1E2A31

■ 232B31

■ 282D31

■ 2C2F31

■ 313131

■ 363331

■ 3B3531

Harmonies

Analogous

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



06262C



0F2431



1C2132

Triad

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



0F2431



321C1F



1B2516

Complementary

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



0F2431



311C0F

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.



242212



0F2431



301D17

Square

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



0F2431



2F1C27



2C2012



11261D

Rectangle

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



0F2431



24202F



2C2012



1E2414

Sweetspot

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



0F2431



323B40



0F311B



191E21



A1A1A1



212121

Same Dimension

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



0F2431



0B2C40



0F1431



17191A



003759



0086D9

Inverse Universe

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



310F24



400B2C



312C0F



1A1719



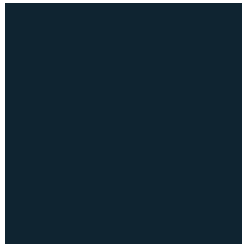
590037



D90086

Previews

White Background



This preview shows how the Hex color 0F2431 looks on a white background.

Color Contrast Check

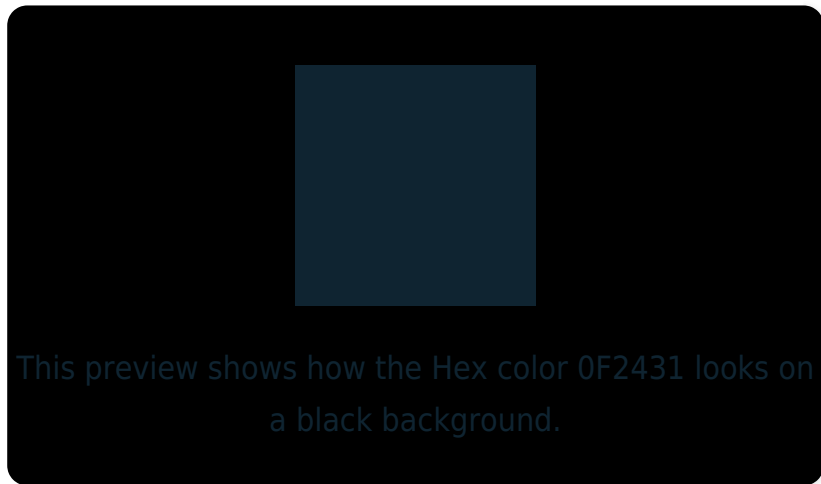
Large Text (above 18pt) WCAG AA ✓ Pass

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

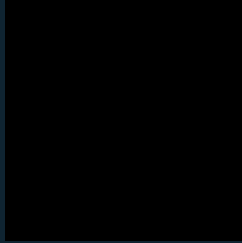
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

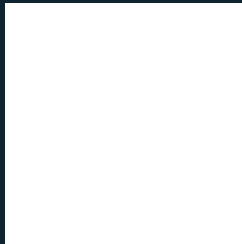
Any Text WCAG AAA × Fail

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

Hex 0F2431 Background



This preview shows how black text looks on a background with the Hex color 0F2431.



This preview shows how white text looks on a background with the Hex color 0F2431.

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
0F2431

Protanopia
1E222F

Deuteranopia
1C2232

Trichromacy



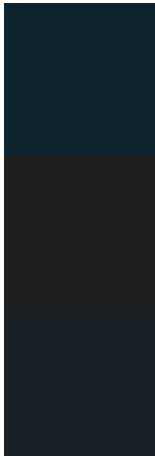
Original Color
0F2431

Protanomaly
192330

Deuteranomaly
172332

Tritanomaly
0B252C

Monochromacy



Original Color
0F2431

Achromatopsia
1F1F1F

Achromatomaly
192126

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F2431 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 #0F2431 looks like.

```
.text, #text, p{  
    color:#0F2431  
}
```

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 #0F2431 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F2431
}
```

Border

The CSS property to change the border of an element to Hex 0F2431 is called "border". The border property can be set on classes, ids or directly on the HTML element.

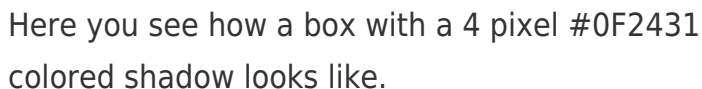
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0F2431 }
```

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

```
.border{ border-color:#0F2431 }
```

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



Here you see how a box with a 4 pixel #0F2431 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F2431; -webkit-box-shadow:4px 4px  
4px 4px #0F2431; box-shadow:4px 4px 4px  
4px #0F2431 }
```

Background

The CSS property to change the background color of an element to Hex 0F2431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F2431 }
```

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

```
.background{ background-color:#0F2431 }
```

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