

Converting Colors

Hex(0F2F4C)

Have a look what the booklet for
Hex(0F2F4C) contains.

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Color

Hex(0F2F4C)

Conversions

Conversions Part 1

Format	Color
Hex	0F2F4C
RGB	15, 47, 76
RGB Percent	6%, 18%, 30%
CMY	0.9412, 0.8157, 0.7020
CMYK	0.80, 0.38, 0.00, 0.70
HSL	209°, 67%, 18%
HSV	209°, 80%, 30%
XYZ	2.5180, 2.6564, 7.2175
YIQ	40.7380, -28.3810, 2.2350

Conversions

Conversions Part 2

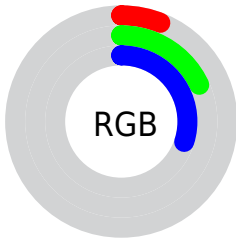
Format	Color
RYB	15, 36, 76
Decimal	995148
CIELab	18.61, -0.13, -21.27
CIELCh	19, 21.267, 269.639
Yxy	2.6564, 0.2032, 0.2144
Android (android.graphics.Color)	4279185228 (0xFF0F2F4C)
YUV	40.7380, 17.3842, -22.5722
Hunter-Lab	16.2984, -0.9450, -14.8467

Details

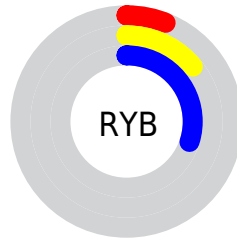
The Hex color **0F2F4C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4C2C0F**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **435D7D**, and **000220** is the 20% darker color. If you saturate the color by 10%, you get **072B4C**, and if you desaturate by 10%, it is **17334C**.

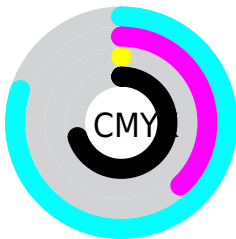
Distribution



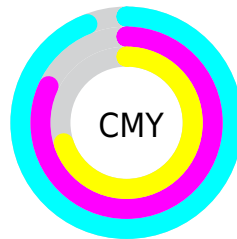
- Red (6%)
- Green (18%)
- Blue (30%)



- Red (6%)
- Yellow (14%)
- Blue (30%)



- Cyan (80%)
- Magenta (38%)
- Yellow (0%)
- Black (70%)



- Cyan (94%)
- Magenta (82%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F2F4C 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 0F2F4C by changing the saturation by 10% instead.

■ 0F2F4C

■ 0F2F4C

FFFFFF

■ 001A35

■ 435D7D

■ 000220

■ 5C7597

■ 000004

■ 768FB2

■ 000000

■ 90A9CD

■ ACC4EA

■ C7E0FF

■ E4FDFF

■ 0F2F4C

■ 0F2F4C

■ 072B4C

■ 17334C

■ 00284C

■ 1E364C

■ 263A4C

■ 2D3D4C

■ 35414C

■ 3D454C

■ 44484C

■ 4C4C4C

■ 53504C

Harmonies

Analogous

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



003348



0F2F4C



2E2948

Triad

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



0F2F4C



49221F



13341D

Complementary

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



0F2F4C



4C2C0F

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.



273111



0F2F4C



422713

Square

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



0F2F4C



49202E



362C0D



00352D

Rectangle

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



0F2F4C



3B2541



362C0D



1A3319

Sweetspot

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



0F2F4C



4C5863



0F4C2B



242C33



B3B3B3



333333

Same Dimension

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



0F2F4C



043663



0F114C



222426



003666



0078E6

Inverse Universe

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



4C0F2F



630436



4C4A0F



262224



660036



E60078

Previews

White Background



This preview shows how the Hex color 0F2F4C looks on a white background.

Color Contrast Check

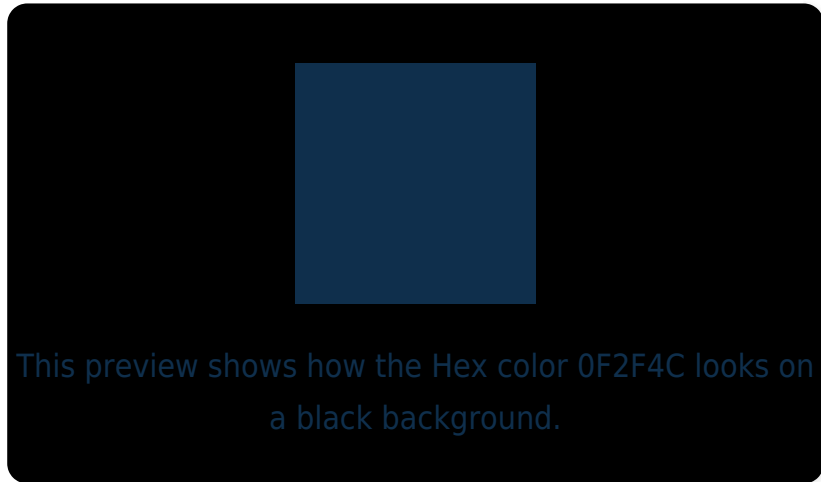
Large Text (above 18pt) WCAG AA ✓ Pass

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

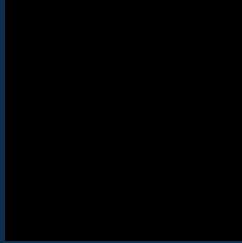
Any Text WCAG AA × Fail

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 0F2F4C Background



This preview shows how black text looks on a background with the Hex color 0F2F4C.



This preview shows how white text looks on a background with the Hex color 0F2F4C.

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
0F2F4C

Protanopia
222D4A

Deuteranopia
192E4C



Tritanopia
003336

Trichromacy



Original Color
0F2F4C

Protanomaly
1B2E4B

Deuteranomaly
152E4C

Tritanomaly
05323E

Monochromacy



Original Color
0F2F4C

Achromatopsia
292929

Achromatomaly
202B36

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F2F4C 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 #0F2F4C looks like.

```
.text, #text, p{  
    color:#0F2F4C  
}
```

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 #0F2F4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F2F4C
}
```

Border

The CSS property to change the border of an element to Hex 0F2F4C 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
#0F2F4C }
```

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

```
.border{ border-color:#0F2F4C }
```

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

Here you see how a box with a 4 pixel #0F2F4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F2F4C; -webkit-box-shadow:4px 4px  
4px 4px #0F2F4C; box-shadow:4px 4px 4px  
4px #0F2F4C }
```

Background

The CSS property to change the background color of an element to Hex 0F2F4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F2F4C }
```

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

```
.background{ background-color:#0F2F4C }
```

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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