

Converting Colors

Hex(0D2F4E)

Have a look what the booklet for
Hex(0D2F4E) contains.

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Color

Hex(0D2F4E)

Conversions

Conversions Part 1

Format	Color
Hex	0D2F4E
RGB	13, 47, 78
RGB Percent	5%, 18%, 31%
CMY	0.9490, 0.8157, 0.6941
CMYK	0.83, 0.40, 0.00, 0.69
HSL	209°, 71%, 18%
HSV	209°, 83%, 31%
XYZ	2.5576, 2.6687, 7.5880
YIQ	40.3680, -30.2150, 2.4330

Conversions

Conversions Part 2

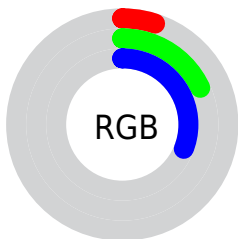
Format	Color
R_{YB}	13, 35, 78
Decimal	864078
CIE _{Lab}	18.66, 0.41, -22.54
CIE _{LCh}	19, 22.541, 271.054
Yxy	2.6687, 0.1996, 0.2083
Android (android.graphics.Color)	4279054158 (0xFF0D2F4E)
YUV	40.3680, 18.5526, -24.0017
Hunter-Lab	16.3360, -0.6413, -16.1048

Details

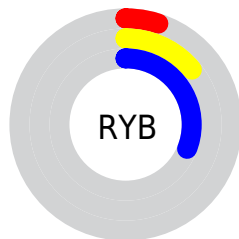
The Hex color **0D2F4E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4E2C0D**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **425D7F**, and **000222** is the 20% darker color. If you saturate the color by 10%, you get **052B4E**, and if you desaturate by 10%, it is **15334E**.

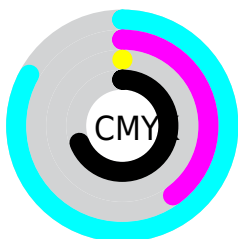
Distribution



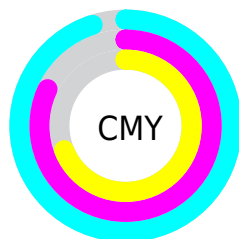
- Red (5%)
- Green (18%)
- Blue (31%)



- Red (5%)
- Yellow (14%)
- Blue (31%)



- Cyan (83%)
- Magenta (40%)
- Yellow (0%)
- Black (69%)



- Cyan (95%)
- Magenta (82%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D2F4E 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 0D2F4E by changing the saturation by 10% instead.



0D2F4E



0D2F4E

FFFFFF



001A37



425D7F



000222



5C7599



000007



768FB4



000000



90A9D0



ABC4EC



C7E0FF



E4FDFF



0D2F4E



0D2F4E

■ 052B4E

■ 15334E

■ 00294E

■ 1D364E

■ 243A4E

■ 2C3E4E

■ 34424E

■ 3C454E

■ 44494E

■ 4B4D4E

■ 53504E

Harmonies

Analogous

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



00334A



0D2F4E



2F2949

Triad

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



0D2F4E



4B211E



0F341D

Complementary

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



0D2F4E



4E2C0D

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.



263110



0D2F4E



432711

Square

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



0D2F4E



4B1F2E



362D0A



00352D

Rectangle

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



0D2F4E



3D2442



362D0A



183318

Sweetspot

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



0D2F4E



4D5A66



0D4E2B



242C33



B3B3B3



333333

Same Dimension

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



0D2F4E



003566



0D0F4E



222426



0078E6

Inverse Universe

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



4E0D2F



660035



4E4C0D



262224



E60078

Previews

White Background



This preview shows how the Hex color 0D2F4E looks on a white background.

Color Contrast Check

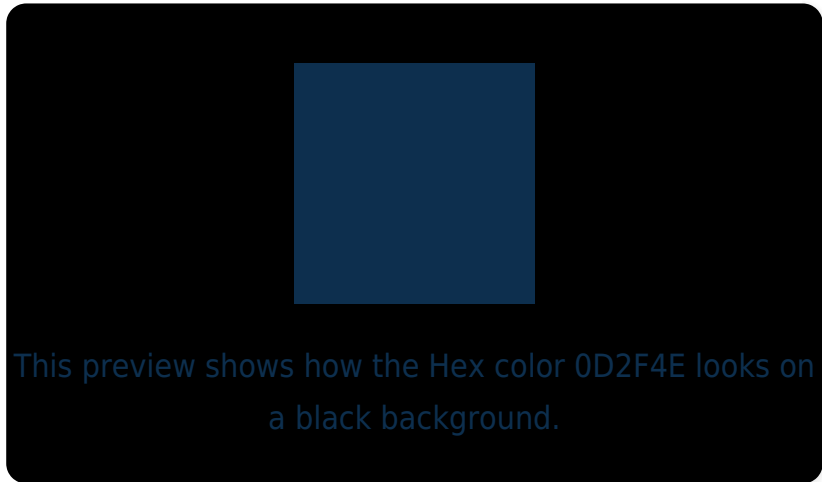
Large Text (above 18pt) WCAG AA ✓ Pass

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

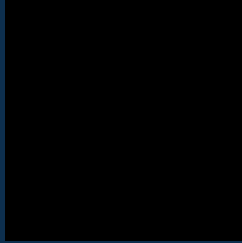
Any Text WCAG AA × Fail

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 0D2F4E Background



This preview shows how black text looks on a background with the Hex color 0D2F4E.



This preview shows how white text looks on a background with the Hex color 0D2F4E.

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
0D2F4E

Protanopia
212D4C

Deuteranopia
152E4E



Tritanopia
003336

Trichromacy



Original Color

0D2F4E

Protanomaly

1A2E4D

Deuteranomaly

122E4E

Tritanomaly

05323F

Monochromacy



Original Color

0D2F4E

Achromatopsia

282828

Achromatomaly

1E2B36

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D2F4E 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 #0D2F4E looks like.

```
.text, #text, p{  
  color:#0D2F4E  
}
```

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 #0D2F4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2F4E
}
```

Border

The CSS property to change the border of an element to Hex 0D2F4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

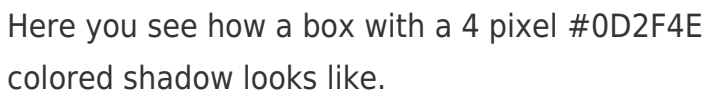
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D2F4E }
```

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

```
.border{ border-color:#0D2F4E }
```

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



Here you see how a box with a 4 pixel #0D2F4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2F4E; -webkit-box-shadow:4px 4px  
4px 4px #0D2F4E; box-shadow:4px 4px 4px  
4px #0D2F4E }
```

Background

The CSS property to change the background color of an element to Hex 0D2F4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2F4E }
```

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

```
.background{ background-color:#0D2F4E }
```

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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