

Converting Colors

Hex(02412E)

Have a look what the booklet for
Hex(02412E) contains.

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Color

Hex(02412E)

Conversions

Conversions Part 1

Format	Color
Hex	02412E
RGB	2, 65, 46
RGB Percent	1%, 25%, 18%
CMY	0.9922, 0.7451, 0.8196
CMYK	0.97, 0.00, 0.29, 0.75
HSL	162°, 94%, 13%
HSV	162°, 97%, 25%
XYZ	2.4085, 3.9908, 3.2281
YIQ	43.9970, -31.4490, -19.2650

Conversions

Conversions Part 2

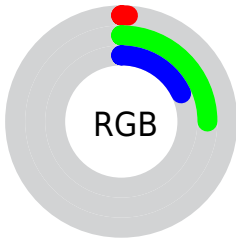
Format	Color
RYB	2, 39, 65
Decimal	147758
CIELab	23.64, -24.01, 6.45
CIELCh	24, 24.856, 164.969
Yxy	3.9908, 0.2502, 0.4145
Android (android.graphics.Color)	4278337838 (0xFF02412E)
YUV	43.9970, 0.9875, -36.8314
Hunter-Lab	19.9769, -13.4390, 4.4030

Details

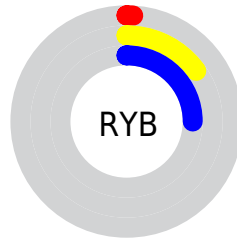
The Hex color **02412E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **410215**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3A725C**, and **001500** is the 20% darker color. If you saturate the color by 10%, you get **00412D**, and if you desaturate by 10%, it is **084130**.

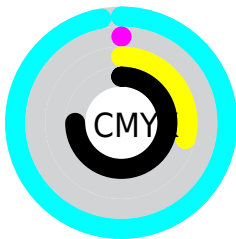
Distribution



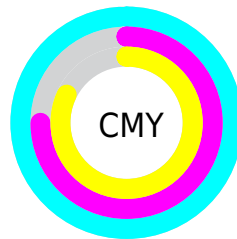
- Red (1%)
- Green (25%)
- Blue (18%)



- Red (1%)
- Yellow (15%)
- Blue (25%)



- Cyan (97%)
- Magenta (0%)
- Yellow (29%)
- Black (75%)



- Cyan (99%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02412E 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 02412E by changing the saturation by 10% instead.

 02412E

 02412E

 F7FFFF

 002A19

 3A725C

 001500

 538B74

 000000

 6DA68E

 87C1A8

 A2DDC4

 BEFAE0

 DAFFFC

 02412E

 02412E

■ 00412D

■ 084130

■ 0F4132

■ 164134

■ 1C4136

■ 234138

■ 29413A

■ 30413C

■ 36413E

■ 3D4140

Harmonies

Analogous

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



253F1D



02412E



004241

Triad

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



02412E



29375C



572D1F

Complementary

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



02412E



410215

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.



5B2830



02412E



463053

Square

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



02412E



003D5C



562A42



4B3414

Rectangle

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



02412E



00414D



562A42



592B24

Sweetspot

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



02412E



3C544D



164102



1C2B27



ABABAB



2B2B2B

Same Dimension

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



02412E



00543B



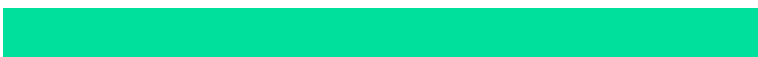
023541



1E2120



006144



00E09D

Inverse Universe

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



410215



540019



410E02



211E1F



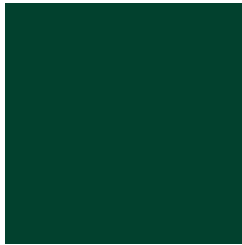
61001D



E00044

Previews

White Background



This preview shows how the Hex color 02412E looks on a white background.

Color Contrast Check

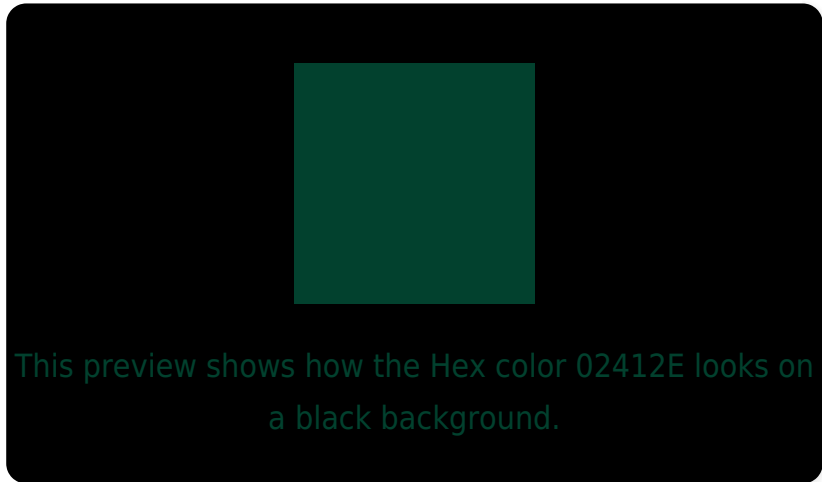
Large Text (above 18pt) WCAG AA ✓ Pass

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

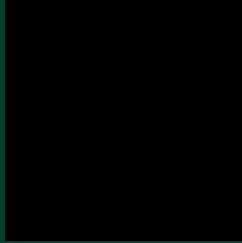
Any Text WCAG AA × Fail

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 02412E Background



This preview shows how black text looks on a background with the Hex color 02412E.



This preview shows how white text looks on a background with the Hex color 02412E.

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](#).

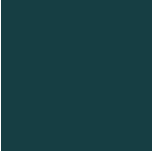
Dichromacy



Original Color
02412E

Protanopia
3D392A

Deuteranopia
413730



Tritanopia
163E43

Trichromacy



Original Color
02412E

Protanomaly
283C2B

Deuteranomaly
2A3B2F

Tritanomaly
0F3F3B

Monochromacy



Original Color
02412E

Achromatopsia
2C2C2C

Achromatomaly
1D342D

CSS Examples

Text

The CSS property to change the color of the text to Hex 02412E 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 #02412E looks like.

```
.text, #text, p{  
    color:#02412E  
}
```

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 #02412E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02412E
}
```

Border

The CSS property to change the border of an element to Hex 02412E 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
#02412E }
```

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

```
.border{ border-color:#02412E }
```

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

Here you see how a box with a 4 pixel #02412E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02412E; -webkit-box-shadow:4px 4px  
4px 4px #02412E; box-shadow:4px 4px 4px  
4px #02412E }
```

Background

The CSS property to change the background color of an element to Hex 02412E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02412E }
```

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

```
.background{ background-color:#02412E }
```

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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