

Converting Colors

Hex(02422F)

Have a look what the booklet for
Hex(02422F) contains.

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Color

Hex(02422F)

Conversions

Conversions Part 1

Format	Color
Hex	02422F
RGB	2, 66, 47
RGB Percent	1%, 26%, 18%
CMY	0.9922, 0.7412, 0.8157
CMYK	0.97, 0.00, 0.29, 0.74
HSL	162°, 94%, 13%
HSV	162°, 97%, 26%
XYZ	2.4863, 4.1146, 3.3525
YIQ	44.6980, -32.0450, -19.4770

Conversions

Conversions Part 2

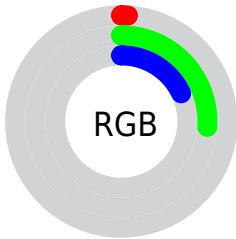
Format	Color
R_{YB}	2, 40, 66
Decimal	148015
CIE Lab	24.05, -24.19, 6.36
CIE LCh	24, 25.011, 165.267
Yxy	4.1146, 0.2498, 0.4134
Android (android.graphics.Color)	4278338095 (0xFF02422F)
YUV	44.6980, 1.1349, -37.4461
Hunter-Lab	20.2844, -13.6183, 4.4000

Details

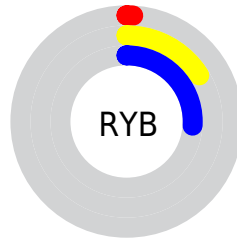
The Hex color **02422F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **420215**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3A735D**, and **001700** is the 20% darker color. If you saturate the color by 10%, you get **00422E**, and if you desaturate by 10%, it is **094231**.

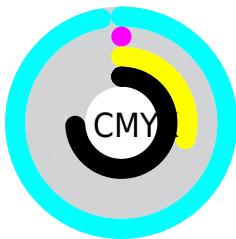
Distribution



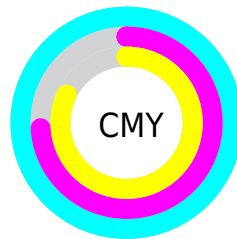
- Red (1%)
- Green (26%)
- Blue (18%)



- Red (1%)
- Yellow (16%)
- Blue (26%)



- Cyan (97%)
- Magenta (0%)
- Yellow (29%)
- Black (74%)



- Cyan (99%)
- Magenta (74%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02422F 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 02422F by changing the saturation by 10% instead.

 02422F

 02422F


 F7FFFF

 002B1A

 3A735D

 001700

 548C76

 000000

 6DA78F

 88C2AA

 A3DEC5

 BEFB E1

 DBFFFD

 02422F

 02422F

■ 00422E

■ 094231

■ 0F4233

■ 164235

■ 1C4237

■ 234239

■ 2A423B

■ 30423D

■ 37423F

■ 3D4241

Harmonies

Analogous

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



26401E



02422F



004342

Triad

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



02422F



2B385D



582E1F

Complementary

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



02422F



420215

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.



5C2930



02422F



473054

Square

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



02422F



003E5D



572A43



4C3514

Rectangle

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



02422F



00424E



572A43



5A2C25

Sweetspot

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



02422F



3E574F



154202



1C2B27



ABABAB



2B2B2B

Same Dimension

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



02422F



00573D



023542



1E2120



006144



00E09E

Inverse Universe

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



420215



57001A



420F02



211E1F



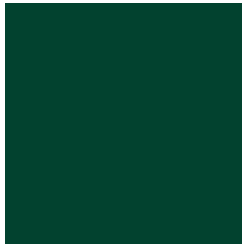
61001D



E00043

Previews

White Background



This preview shows how the Hex color 02422F looks on a white background.

Color Contrast Check

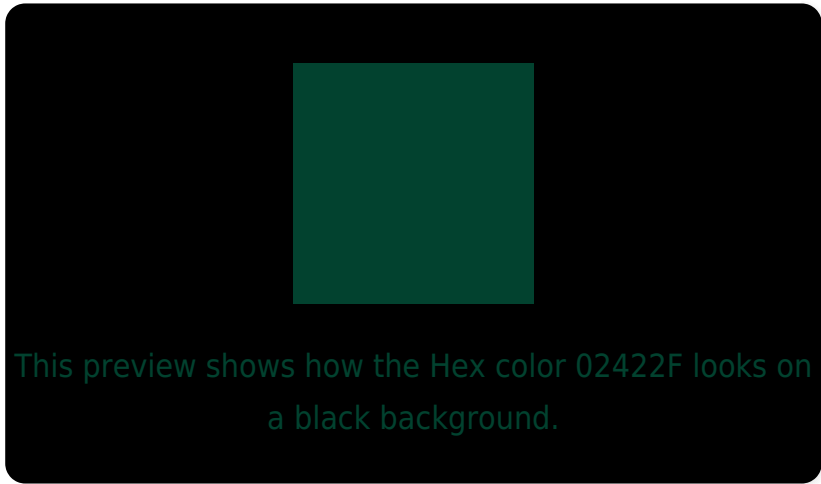
Large Text (above 18pt) WCAG AA ✓ Pass

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

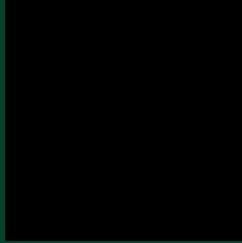
Any Text WCAG AA × Fail

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 02422F Background



This preview shows how black text looks on a background with the Hex color 02422F.



This preview shows how white text looks on a background with the Hex color 02422F.

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
02422F

Protanopia
3E392B

Deuteranopia
423731



Tritanopia
163F44

Trichromacy



Original Color
02422F

Protanomaly
283C2C

Deuteranomaly
2B3B30

Tritanomaly
0F403C

Monochromacy



Original Color
02422F

Achromatopsia
2D2D2D

Achromatomaly
1D352E

CSS Examples

Text

The CSS property to change the color of the text to Hex 02422F 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 #02422F looks like.

```
.text, #text, p{  
    color:#02422F  
}
```

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 #02422F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02422F
}
```

Border

The CSS property to change the border of an element to Hex 02422F 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".

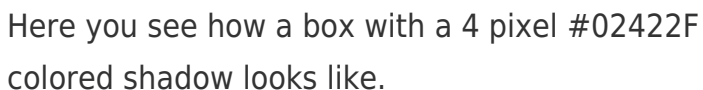
```
.border, #border, table{ border:4px solid
#02422F }
```

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

```
.border{ border-color:#02422F }
```

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

Here you see how a box with a 4 pixel #02422F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02422F; -webkit-box-shadow:4px 4px  
4px 4px #02422F; box-shadow:4px 4px 4px  
4px #02422F }
```

Background

The CSS property to change the background color of an element to Hex 02422F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02422F }
```

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

```
.background{ background-color:#02422F }
```

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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