

Converting Colors

Hex(00442F)

Have a look what the booklet for
Hex(00442F) contains.

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Color

Hex(00442F)

Conversions

Conversions Part 1

Format	Color
Hex	00442F
RGB	0, 68, 47
RGB Percent	0%, 27%, 18%
CMY	1.0000, 0.7333, 0.8157
CMYK	1.00, 0.00, 0.31, 0.73
HSL	161°, 100%, 13%
HSV	161°, 100%, 27%
XYZ	2.5802, 4.3395, 3.3909
YIQ	45.2740, -33.7870, -20.9470

Conversions

Conversions Part 2

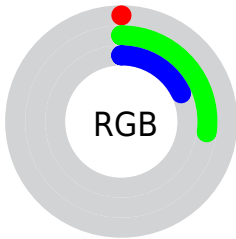
Format	Color
RYB	0, 40, 68
Decimal	17455
CIELab	24.76, -25.43, 7.36
CIELCh	25, 26.476, 163.865
Yxy	4.3395, 0.2502, 0.4209
Android (android.graphics.Color)	4278207535 (0xFF00442F)
YUV	45.2740, 0.8509, -39.7053
Hunter-Lab	20.8314, -14.3457, 4.9308

Details

The Hex color **00442F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **440015**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3A755D**, and **001900** is the 20% darker color. If you saturate the color by 10%, you get **00442F**, and if you desaturate by 10%, it is **074431**.

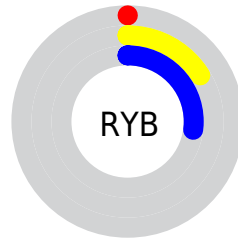
Distribution



Red (0%)

Green (27%)

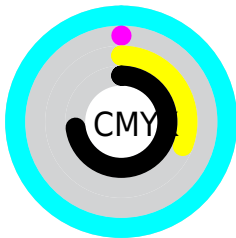
Blue (18%)



Red (0%)

Yellow (16%)

Blue (27%)

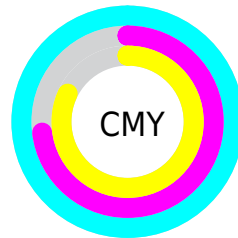


Cyan (100%)

Magenta (0%)

Yellow (31%)

Black (73%)



Cyan (100%)

Magenta (73%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00442F 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 00442F by changing the saturation by 10% instead.

 00442F

 00442F


 F8FFFF

 002D1A

 3A755D

 001900

 538F76

 000000

 6DA98F

 88C5AA

 A3E1C5

 BEFEE1

 DBFFFE

 00442F

■ 074431

■ 0E4433

■ 144435

■ 1B4437

■ 22443A

■ 29443C

■ 30443E

■ 364440

■ 3D4442

Harmonies

Analogous

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



27411D



00442F



004544

Triad

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



00442F



293A62



5C2E20

Complementary

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



00442F



440015

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.



602A32



00442F



483258

Square

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



00442F



004061



5A2B46



4F3613

Rectangle

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



00442F



004450



5A2B46



5E2C26

Sweetspot

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



00442F



3E5951



164400



1D2E29



ADADAD



2E2E2E

Same Dimension

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



00442F



00593E



003844



1E2120



006143



00E09B

Inverse Universe

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



440015



59001C



440C00



211E1F



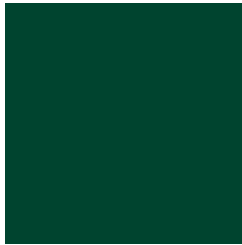
61001E



E00045

Previews

White Background



This preview shows how the Hex color 00442F looks on a white background.

Color Contrast Check

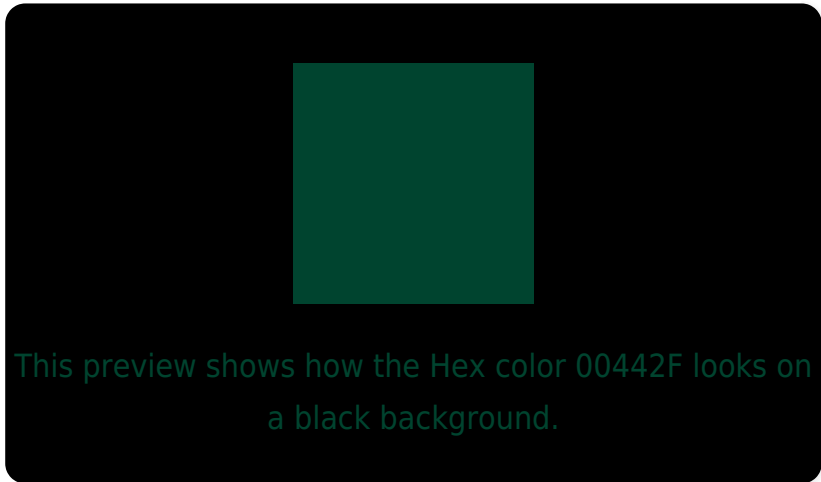
Large Text (above 18pt) WCAG AA ✓ Pass

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 00442F Background



This preview shows how black text looks on a background with the Hex color 00442F.



This preview shows how white text looks on a background with the Hex color 00442F.

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](#).

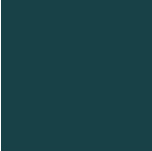
Dichromacy



Original Color
00442F

Protanopia
403B2B

Deuteranopia
443931



Tritanopia
174146

Trichromacy



Original Color
00442F

Protanomaly
293E2C

Deuteranomaly
2B3D30

Tritanomaly
0F423E

Monochromacy



Original Color
00442F

Achromatopsia
2D2D2D

Achromatomaly
1D352E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00442F 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 #00442F looks like.

```
.text, #text, p{  
    color:#00442F  
}
```

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 #00442F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00442F
}
```

Border

The CSS property to change the border of an element to Hex 00442F 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
#00442F }
```

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

```
.border{ border-color:#00442F }
```

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

Here you see how a box with a 4 pixel #00442F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00442F; -webkit-box-shadow:4px 4px  
4px 4px #00442F; box-shadow:4px 4px 4px  
4px #00442F }
```

Background

The CSS property to change the background color of an element to Hex 00442F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00442F }
```

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

```
.background{ background-color:#00442F }
```

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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