

Converting Colors

Hex(04432F)

Have a look what the booklet for
Hex(04432F) contains.

Hex(04432F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(04432F)

Conversions

Conversions Part 1

Format	Color
Hex	04432F
RGB	4, 67, 47
RGB Percent	2%, 26%, 18%
CMY	0.9843, 0.7373, 0.8157
CMYK	0.94, 0.00, 0.30, 0.74
HSL	161°, 89%, 14%
HSV	161°, 94%, 26%
XYZ	2.5703, 4.2454, 3.3733
YIQ	45.8830, -31.1280, -19.5760

Conversions

Conversions Part 2

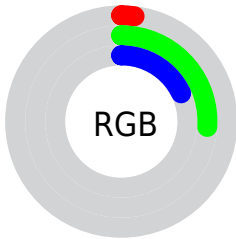
Format	Color
R_{YB}	4, 41, 67
Decimal	279343
CIE Lab	24.47, -24.35, 6.96
CIE LCh	24, 25.320, 164.056
Yxy	4.2454, 0.2523, 0.4167
Android (android.graphics.Color)	4278469423 (0xFF04432F)
YUV	45.8830, 0.5507, -36.7314
Hunter-Lab	20.6043, -13.7902, 4.7161

Details

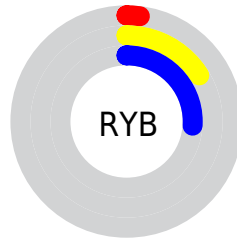
The Hex color **04432F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **430418**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **3C745D**, and **001800** is the 20% darker color. If you saturate the color by 10%, you get **00432E**, and if you desaturate by 10%, it is **0B4331**.

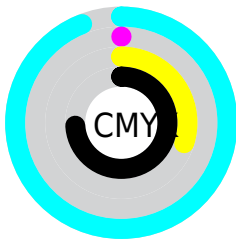
Distribution



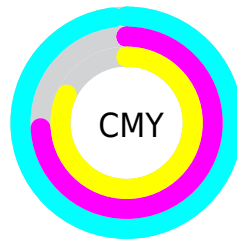
- Red (2%)
- Green (26%)
- Blue (18%)



- Red (2%)
- Yellow (16%)
- Blue (26%)



- Cyan (94%)
- Magenta (0%)
- Yellow (30%)
- Black (74%)



- Cyan (98%)
- Magenta (74%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04432F 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 04432F by changing the saturation by 10% instead.

 04432F

 04432F

 F9FFFF

 002C1A

 3C745D

 001800

 558D76

 000000

 6FA88F

 89C3AA

 A4E0C5

 C0FCE1

 DCFFFE

 04432F

 04432F

■ 00432E

■ 0B4331

■ 114333

■ 184335

■ 1F4338

■ 26433A

■ 2C433C

■ 33433E

■ 3A4340

■ 404342

Harmonies

Analogous

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



27401E



04432F



004443

Triad

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



04432F



2A395F



5A2E20

Complementary

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



04432F



430418

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.



5E2A32



04432F



473256

Square

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



04432F



003F5F



582B45



4E3515

Rectangle

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



04432F



00434F



582B45



5C2C26

Sweetspot

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



04432F



3E574F



194304



1D2B27



ABABAB



2B2B2B

Same Dimension

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



04432F



00573B



043843



1E2120



006142



00E099

Inverse Universe

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



430418



57001C



430E04



211E1F



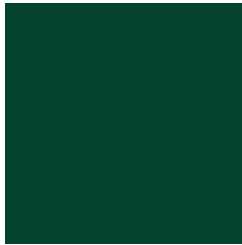
61001F



E00047

Previews

White Background



This preview shows how the Hex color 04432F looks on a white background.

Color Contrast Check

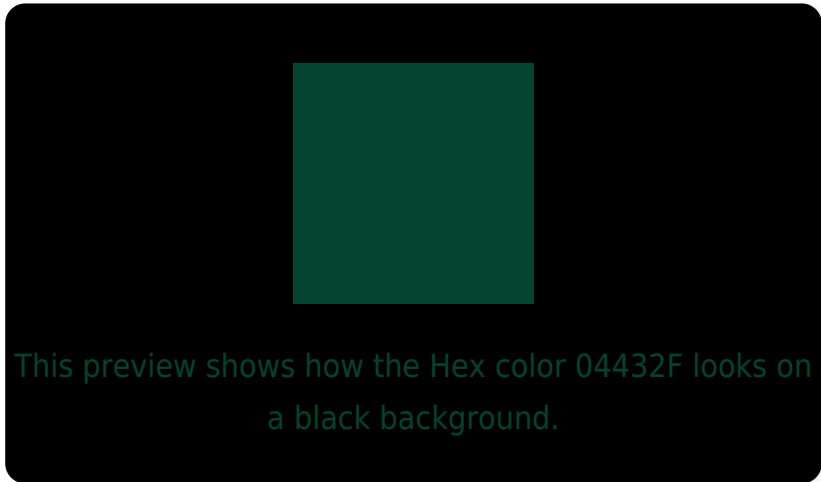
Large Text (above 18pt) WCAG AA ✓ Pass

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

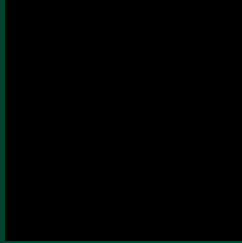
Any Text WCAG AA × Fail

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 04432F Background



This preview shows how black text looks on a background with the Hex color 04432F.



This preview shows how white text looks on a background with the Hex color 04432F.

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
04432F

Protanopia
3F3A2B

Deuteranopia
433831



Tritanopia
174045

Trichromacy



Original Color
04432F

Protanomaly
2A3D2C

Deuteranomaly
2C3C30

Tritanomaly
10413D

Monochromacy



Original Color
04432F

Achromatopsia
2E2E2E

Achromatomaly
1F362E

CSS Examples

Text

The CSS property to change the color of the text to Hex 04432F 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 #04432F looks like.

```
.text, #text, p{  
    color:#04432F  
}
```

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 #04432F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04432F
}
```

Border

The CSS property to change the border of an element to Hex 04432F 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
#04432F }
```

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

```
.border{ border-color:#04432F }
```

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

Here you see how a box with a 4 pixel #04432F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04432F; -webkit-box-shadow:4px 4px  
4px 4px #04432F; box-shadow:4px 4px 4px  
4px #04432F }
```

Background

The CSS property to change the background color of an element to Hex 04432F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04432F }
```

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

```
.background{ background-color:#04432F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor