

Converting Colors

Hex(04272F)

Have a look what the booklet for
Hex(04272F) contains.

Hex(04272F)	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(04272F)

Conversions

Conversions Part 1

Format	Color
Hex	04272F
RGB	4, 39, 47
RGB Percent	2%, 15%, 18%
CMY	0.9843, 0.8471, 0.8157
CMYK	0.91, 0.17, 0.00, 0.82
HSL	191°, 84%, 10%
HSV	191°, 91%, 18%
XYZ	1.2887, 1.6821, 2.9461
YIQ	29.4470, -23.4280, -4.9320

Conversions

Conversions Part 2

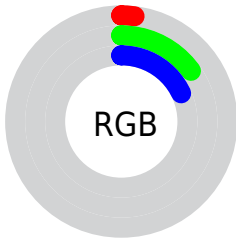
Format	Color
RYB	4, 23, 47
Decimal	272175
CIELab	13.72, -8.88, -8.80
CIELCh	14, 12.504, 224.720
Yxy	1.6821, 0.2178, 0.2843
Android (android.graphics.Color)	4278462255 (0xFF04272F)
YUV	29.4470, 8.6536, -22.3170
Hunter-Lab	12.9695, -4.9605, -4.3893

Details

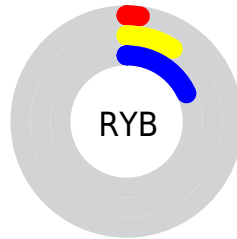
The Hex color **04272F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2F0C04**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **35545D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00262F**, and if you desaturate by 10%, it is **09282F**.

Distribution



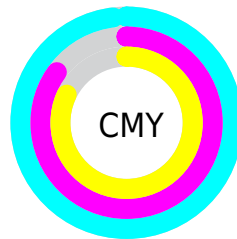
- Red (2%)
- Green (15%)
- Blue (18%)



- Red (2%)
- Yellow (9%)
- Blue (18%)



- Cyan (91%)
- Magenta (17%)
- Yellow (0%)
- Black (82%)



- Cyan (98%)
- Magenta (85%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04272F 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 04272F by changing the saturation by 10% instead.

04272F

04272F

EDFFFF

00131A

35545D

000000

4D6C75

66868F

7FA0AA

9ABBC5

B5D6E1

D1F3FD

04272F

04272F

■ 00262F

■ 09282F

■ 0D292F

■ 122A2F

■ 172A2F

■ 1C2B2F

■ 202C2F

■ 252D2F

■ 2A2E2F

■ 2E2F2F

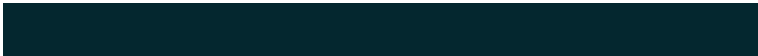
Harmonies

Analogous

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



062827



04272F



0F2534

Triad

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



04272F



311D28



252412

Complementary

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



04272F



2F0C04

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.



2D2112



04272F



341C1F

Square

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



04272F



291F2F



321E17



1B2616

Rectangle

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



04272F



192334



321E17



282311

Sweetspot

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



04272F



2D3A3D



042F0C



151D1F



9E9E9E



1F1F1F

Same Dimension

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



04272F



00323D



04122F



151717



004757



00AED6

Inverse Universe

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



2F0427



3D0032



2F2104



171517



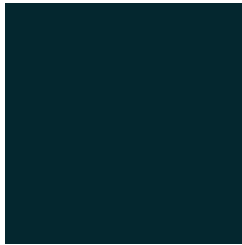
570047



D600AE

Previews

White Background



This preview shows how the Hex color 04272F looks on a white background.

Color Contrast Check

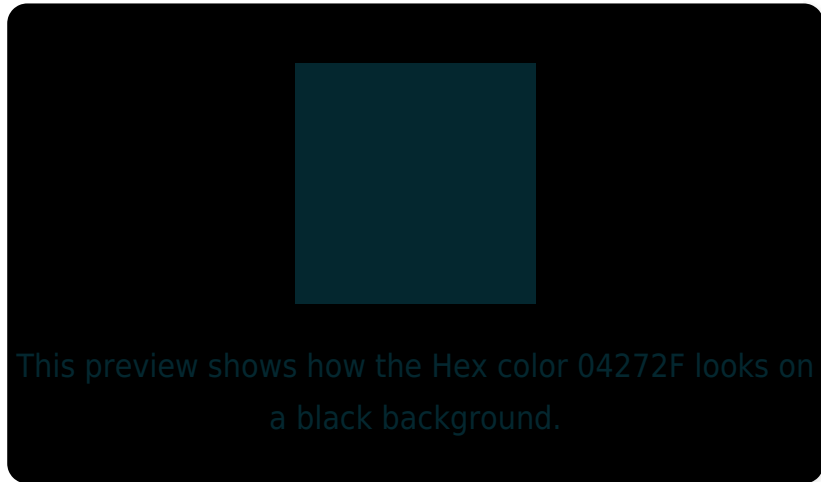
Large Text (above 18pt) WCAG AA ✓ Pass

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

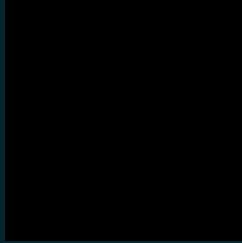
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

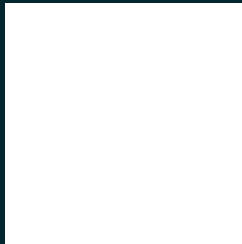
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 04272F Background



This preview shows how black text looks on a background with the Hex color 04272F.



This preview shows how white text looks on a background with the Hex color 04272F.

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
04272F

Protanopia
21232C

Deuteranopia
202330



Tritanopia
00282B

Trichromacy



Original Color
04272F

Protanomaly
16242D

Deuteranomaly
162430

Tritanomaly
01282C

Monochromacy



Original Color
04272F

Achromatopsia
1D1D1D

Achromatomaly
142124

CSS Examples

Text

The CSS property to change the color of the text to Hex 04272F 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 #04272F looks like.

```
.text, #text, p{  
    color:#04272F  
}
```

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 #04272F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04272F
}
```

Border

The CSS property to change the border of an element to Hex 04272F 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
#04272F }
```

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

```
.border{ border-color:#04272F }
```

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

Here you see how a box with a 4 pixel #04272F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04272F; -webkit-box-shadow:4px 4px  
4px 4px #04272F; box-shadow:4px 4px 4px  
4px #04272F }
```

Background

The CSS property to change the background color of an element to Hex 04272F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04272F }
```

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

```
.background{ background-color:#04272F }
```

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