

Converting Colors

Hex(042F26)

Have a look what the booklet for
Hex(042F26) contains.

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Color

Hex(042F26)

Conversions

Conversions Part 1

Format	Color
Hex	042F26
RGB	4, 47, 38
RGB Percent	2%, 18%, 15%
CMY	0.9843, 0.8157, 0.8510
CMYK	0.91, 0.00, 0.19, 0.82
HSL	167°, 84%, 10%
HSV	167°, 91%, 18%
XYZ	1.4164, 2.1988, 2.1835
YIQ	33.1170, -22.7390, -11.9150

Conversions

Conversions Part 2

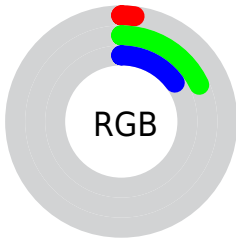
Format	Color
RYB	4, 28, 47
Decimal	274214
CIELab	16.50, -17.03, 1.69
CIELCh	16, 17.117, 174.321
Yxy	2.1988, 0.2443, 0.3792
Android (android.graphics.Color)	4278464294 (0xFF042F26)
YUV	33.1170, 2.4073, -25.5356
Hunter-Lab	14.8283, -8.8987, 1.6493

Details

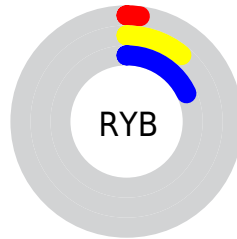
The Hex color **042F26** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2F040D**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **355D53**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002F25**, and if you desaturate by 10%, it is **092F27**.

Distribution



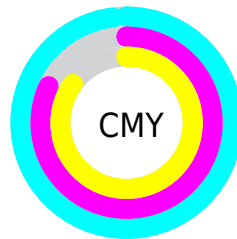
- Red (2%)
- Green (18%)
- Blue (15%)



- Red (2%)
- Yellow (11%)
- Blue (18%)



- Cyan (91%)
- Magenta (0%)
- Yellow (19%)
- Black (82%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 042F26 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 042F26 by changing the saturation by 10% instead.

 042F26

 042F26

 EEEFFF

 001B11

 355D53

 000000

 4D766B

 669084

 80AA9E

 9AC6B9

 B5E2D5

 D1FFF1

 042F26

 042F26

■ 002F25

■ 092F27

■ 0D2F28

■ 122F29

■ 172F2A

■ 1C2F2B

■ 202F2C

■ 252F2D

■ 2A2F2E

■ 2E2F2F

Harmonies

Analogous

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



182E1A



042F26



002F32

Triad

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



042F26



26273F



3B2315

Complementary

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



042F26



2F040D

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.



40201F



042F26



362237

Square

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



042F26



102B41



3E1F2C



322710

Rectangle

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



042F26



002E3A



3E1F2C



3E2218

Sweetspot

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



042F26



2D3D3A



0D2F04



151F1D



9E9E9E



1F1F1F

Same Dimension

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



042F26



003D30



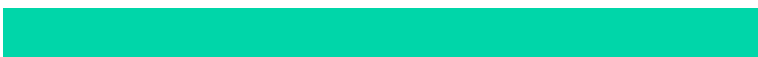
04232F



151716



005745



00D6A9

Inverse Universe

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



2F040D



3D000D



2F1004



171515



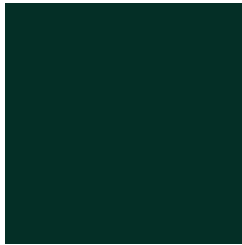
570012



D6002D

Previews

White Background



This preview shows how the Hex color 042F26 looks on a white background.

Color Contrast Check

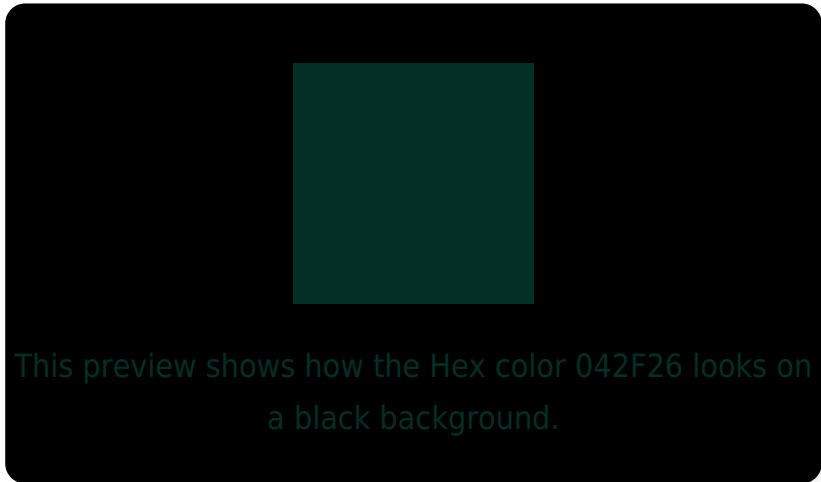
Large Text (above 18pt) WCAG AA ✓ Pass

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

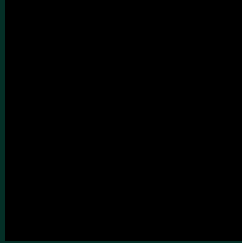
Any Text WCAG AA × Fail

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 042F26 Background



This preview shows how black text looks on a background with the Hex color 042F26.



This preview shows how white text looks on a background with the Hex color 042F26.

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
042F26

Protanopia
2B2923

Deuteranopia
2E2828



Tritanopia
0E2D31

Trichromacy



Original Color
042F26

Protanomaly
1D2B24

Deuteranomaly
1F2B27

Tritanomaly
0A2E2D

Monochromacy



Original Color
042F26

Achromatopsia
212121

Achromatomaly
162623

CSS Examples

Text

The CSS property to change the color of the text to Hex 042F26 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 #042F26 looks like.

```
.text, #text, p{  
    color:#042F26  
}
```

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 #042F26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #042F26
}
```

Border

The CSS property to change the border of an element to Hex 042F26 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".

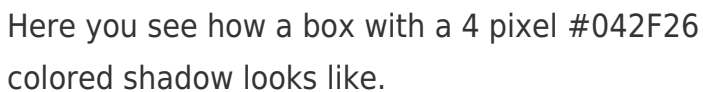
```
.border, #border, table{ border:4px solid
#042F26 }
```

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

```
.border{ border-color:#042F26 }
```

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

Here you see how a box with a 4 pixel #042F26 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #042F26; -webkit-box-shadow:4px 4px  
4px 4px #042F26; box-shadow:4px 4px 4px  
4px #042F26 }
```

Background

The CSS property to change the background color of an element to Hex 042F26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#042F26 }
```

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

```
.background{ background-color:#042F26 }
```

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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