

Converting Colors

Hex(042F28)

Have a look what the booklet for
Hex(042F28) contains.

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Color

Hex(042F28)

Conversions

Conversions Part 1

Format	Color
Hex	042F28
RGB	4, 47, 40
RGB Percent	2%, 18%, 16%
CMY	0.9843, 0.8157, 0.8431
CMYK	0.91, 0.00, 0.15, 0.82
HSL	170°, 84%, 10%
HSV	170°, 91%, 18%
XYZ	1.4496, 2.2120, 2.3580
YIQ	33.3450, -23.3810, -11.2930

Conversions

Conversions Part 2

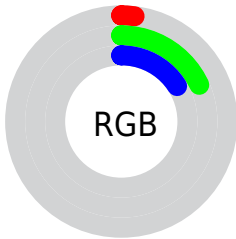
Format	Color
RYB	4, 27, 47
Decimal	274216
CIELab	16.56, -16.36, 0.40
CIELCh	17, 16.367, 178.617
Yxy	2.2120, 0.2408, 0.3675
Android (android.graphics.Color)	4278464296 (0xFF042F28)
YUV	33.3450, 3.2809, -25.7356
Hunter-Lab	14.8729, -8.6302, 1.0109

Details

The Hex color **042F28** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2F040B**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **355D55**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002F27**, and if you desaturate by 10%, it is **092F29**.

Distribution



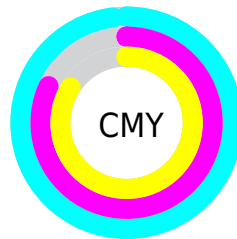
- Red (2%)
- Green (18%)
- Blue (16%)



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



- Cyan (91%)
- Magenta (0%)
- Yellow (15%)
- Black (82%)



- Cyan (98%)
- Magenta (82%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 042F28 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 042F28 by changing the saturation by 10% instead.

 042F28

 042F28

 EEEFFF

 001B13

 355D55

 000000

 4D766D

 669086

 80AAA1

 9AC6BC

 B6E2D7

 D2FFF4

 042F28

 042F28

■ 002F27

■ 092F29

■ 0D2F2A

■ 122F2A

■ 172F2B

■ 1C2F2C

■ 202F2D

■ 252F2D

■ 2A2F2E

■ 2E2F2F

Harmonies

Analogous

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



172E1C



042F28



002F34

Triad

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



042F28



29263D



3A2415

Complementary

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



042F28



2F040B

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.



3F211E



042F28



372235

Square

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



042F28



152A40



3E202A



312811

Rectangle

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



042F28



002E3A



3E202A



3C2318

Sweetspot

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



042F28



2D3D3B



0B2F04



151F1D



9E9E9E



1F1F1F

Same Dimension

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



042F28



003D33



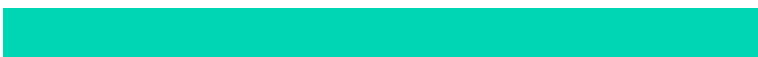
04212F



151717



005749



00D6B3

Inverse Universe

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



2F040B



3D000A



2F1204



171515



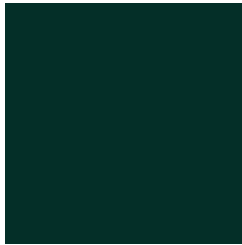
57000E



D60023

Previews

White Background



This preview shows how the Hex color 042F28 looks on a white background.

Color Contrast Check

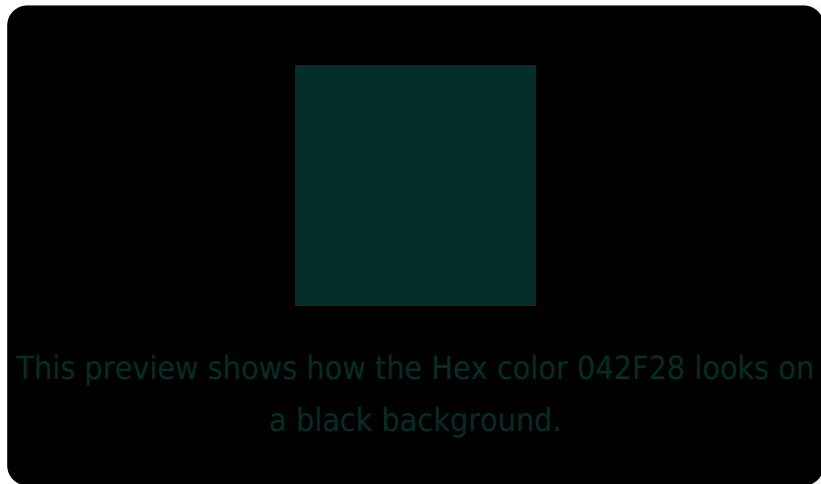
Large Text (above 18pt) WCAG AA ✓ Pass

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

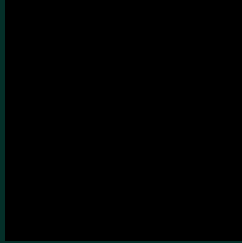
Any Text WCAG AA × Fail

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 042F28 Background



This preview shows how black text looks on a background with the Hex color 042F28.



This preview shows how white text looks on a background with the Hex color 042F28.

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
042F28

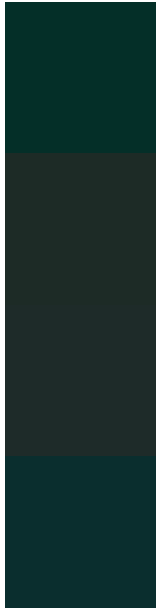
Protanopia
2B2925

Deuteranopia
2D282A



Tritanopia
0E2E31

Trichromacy



Original Color
042F28

Protanomaly
1D2B26

Deuteranomaly
1E2B29

Tritanomaly
0A2E2E

Monochromacy



Original Color
042F28

Achromatopsia
212121

Achromatomaly
162624

CSS Examples

Text

The CSS property to change the color of the text to Hex 042F28 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 #042F28 looks like.

```
.text, #text, p{  
    color:#042F28  
}
```

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 #042F28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #042F28
}
```

Border

The CSS property to change the border of an element to Hex 042F28 is called "border". The border property can be set on classes, ids or directly on the HTML element.

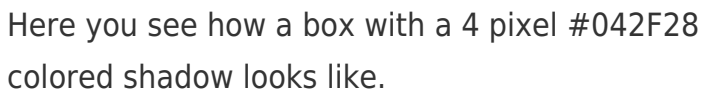
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#042F28 }
```

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

```
.border{ border-color:#042F28 }
```

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



Here you see how a box with a 4 pixel #042F28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #042F28; -webkit-box-shadow:4px 4px  
4px 4px #042F28; box-shadow:4px 4px 4px  
4px #042F28 }
```

Background

The CSS property to change the background color of an element to Hex 042F28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#042F28 }
```

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

```
.background{ background-color:#042F28 }
```

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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