

Converting Colors

Hex(042F17)

Have a look what the booklet for
Hex(042F17) contains.

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Color

Hex(042F17)

Conversions

Conversions Part 1

Format	Color
Hex	042F17
RGB	4, 47, 23
RGB Percent	2%, 18%, 9%
CMY	0.9843, 0.8157, 0.9098
CMYK	0.91, 0.00, 0.51, 0.82
HSL	147°, 84%, 10%
HSV	147°, 91%, 18%
XYZ	1.2212, 2.1207, 1.1556
YIQ	31.4070, -17.9240, -16.5800

Conversions

Conversions Part 2

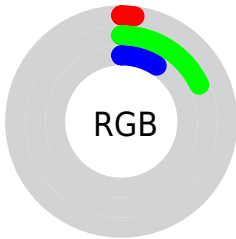
Format	Color
R_{YB}	4, 34, 47
Decimal	274199
CIE _{Lab}	16.11, -21.29, 11.41
CIE _{LCh}	16, 24.153, 151.816
Yxy	2.1207, 0.2715, 0.4715
Android (android.graphics.Color)	4278464279 (0xFF042F17)
YUV	31.4070, -4.1447, -24.0359
Hunter-Lab	14.5626, -10.5154, 5.4890

Details

The Hex color **042F17** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2F041C**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **355E42**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002F15**, and if you desaturate by 10%, it is **092F1A**.

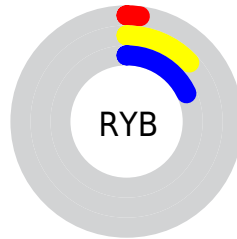
Distribution



Red (2%)

Green (18%)

Blue (9%)



Red (2%)

Yellow (13%)

Blue (18%)

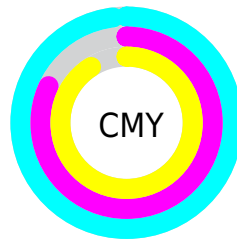


Cyan (91%)

Magenta (0%)

Yellow (51%)

Black (82%)



Cyan (98%)

Magenta (82%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 042F17 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 042F17 by changing the saturation by 10% instead.

 042F17

 042F17

 EDFFFA

 001C00

 355E42

 000000

 4D7659

 659072

 7FAB8C

 99C6A6

 B4E2C1

 D0FFDD

 042F17

 042F17

■ 002F15

■ 092F1A

■ 0D2F1C

■ 122F1F

■ 172F21

■ 1C2F24

■ 202F27

■ 252F29

■ 2A2F2C

■ 2E2F2F

Harmonies

Analogous

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



1F2C06



042F17



003029

Triad

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



042F17



002A4A



461B17

Complementary

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



042F17



2F041C

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.



471828



042F17



2A2345

Square

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



042F17



002E46



3E1C38



3E2106

Rectangle

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



042F17



003034



3E1C38



47191C

Sweetspot

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



042F17



2D3D34



1C2F04



151F19



9E9E9E



1F1F1F

Same Dimension

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



042F17



003D1B



042F2C



151716



005726



00D65F

Inverse Universe

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



2F041C



3D0022



2F0407



171516



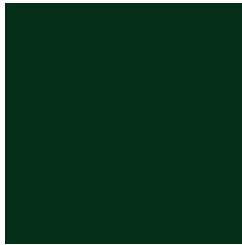
570030



D60078

Previews

White Background



This preview shows how the Hex color 042F17 looks on a white background.

Color Contrast Check

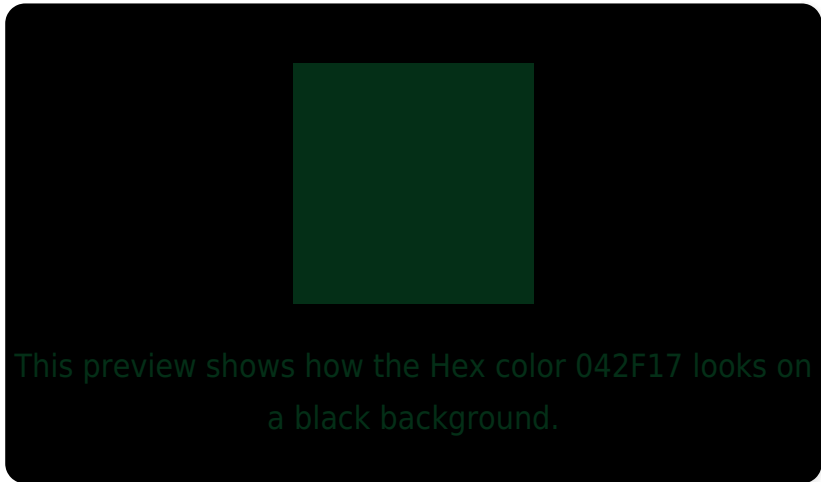
Large Text (above 18pt) WCAG AA ✓ Pass

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

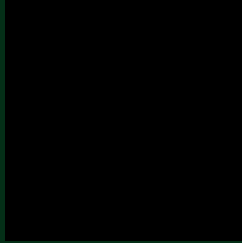
Any Text WCAG AA × Fail

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 042F17 Background



This preview shows how black text looks on a background with the Hex color 042F17.



This preview shows how white text looks on a background with the Hex color 042F17.

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
042F17

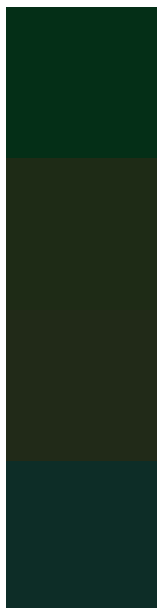
Protanopia
2D2915

Deuteranopia
312719



Tritanopia
122C30

Trichromacy



Original Color

042F17

Protanomaly

1E2B16

Deuteranomaly

212A18

Tritanomaly

0D2D27

Monochromacy



Original Color

042F17

Achromatopsia

1F1F1F

Achromatomaly

15251C

CSS Examples

Text

The CSS property to change the color of the text to Hex 042F17 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 #042F17 looks like.

```
.text, #text, p{  
    color:#042F17  
}
```

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 #042F17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #042F17
}
```

Border

The CSS property to change the border of an element to Hex 042F17 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".

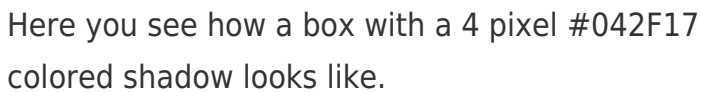
```
.border, #border, table{ border:4px solid
#042F17 }
```

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

```
.border{ border-color:#042F17 }
```

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

Here you see how a box with a 4 pixel #042F17 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #042F17; -webkit-box-shadow:4px 4px  
4px 4px #042F17; box-shadow:4px 4px 4px  
4px #042F17 }
```

Background

The CSS property to change the background color of an element to Hex 042F17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#042F17 }
```

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

```
.background{ background-color:#042F17 }
```

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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