

Converting Colors

Hex(042F1A)

Have a look what the booklet for
Hex(042F1A) contains.

| | |
|--|----|
| Hex(042F1A) | 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(042F1A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 042F1A |
| RGB | 4, 47, 26 |
| RGB Percent | 2%, 18%, 10% |
| CMY | 0.9843, 0.8157, 0.8980 |
| CMYK | 0.91, 0.00, 0.45, 0.82 |
| HSL | 151°, 84%, 10% |
| HSV | 151°, 91%, 18% |
| XYZ | 1.2530, 2.1334, 1.3230 |
| YIQ | 31.7490, -18.8870, -15.6470 |

Conversions

Conversions Part 2

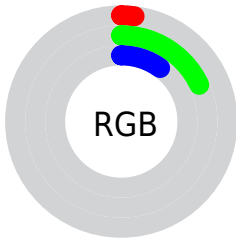
| Format | Color |
|-------------------------------------|--|
| RYB | 4, 32, 47 |
| Decimal | 274202 |
| CIELab | 16.17, -20.56, 9.49 |
| CIELCh | 16, 22.642, 155.220 |
| Yxy | 2.1334, 0.2661, 0.4530 |
| Android (android.graphics.Color) | 4278464282 (0xFF042F1A) |
| YUV | 31.7490, -2.8343, -24.3359 |
| Hunter-Lab | 14.6062, -10.2478, 4.8539 |

Details

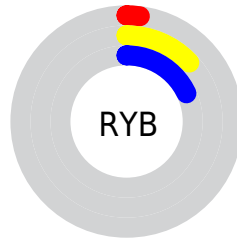
The Hex color **042F1A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2F0419**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **355E45**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002F18**, and if you desaturate by 10%, it is **092F1C**.

Distribution



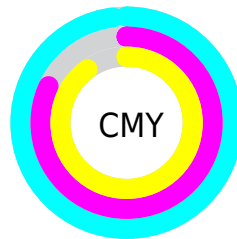
- Red (2%)
- Green (18%)
- Blue (10%)



- Red (2%)
- Yellow (13%)
- Blue (18%)



- Cyan (91%)
- Magenta (0%)
- Yellow (45%)
- Black (82%)



- Cyan (98%)
- Magenta (82%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 042F1A 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 042F1A by changing the saturation by 10% instead.

 042F1A

 042F1A

 EDFFFE

 001C00

 355E45

 000000

 4D765D

 659076

 7FAB8F

 99C6AA

 B4E2C5

 D0FFE1

 042F1A

 042F1A

■ 002F18

■ 092F1C

■ 0D2F1F

■ 122F21

■ 172F23

■ 1C2F25

■ 202F28

■ 252F2A

■ 2A2F2C

■ 2E2F2F

Harmonies

Analogous

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



1E2C0B



042F1A



00302B

Triad

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



042F1A



0C2948



441C16

Complementary

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



042F1A



2F0419

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.



451926



042F1A



2D2343

Square

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



042F1A



002D45



3E1C36



3C2208

Rectangle

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



042F1A



003035



3E1C36



451B1B

Sweetspot

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



042F1A



2D3D35



1A2F04



151F1A



9E9E9E



1F1F1F

Same Dimension

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



042F1A



003D1F



042F2F



151716



00572C



00D66E

Inverse Universe

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



2F0419



3D001E



2F0404



171516



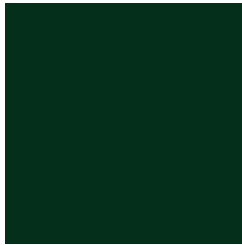
57002A



D60069

Previews

White Background



This preview shows how the Hex color 042F1A looks on a white background.

Color Contrast Check

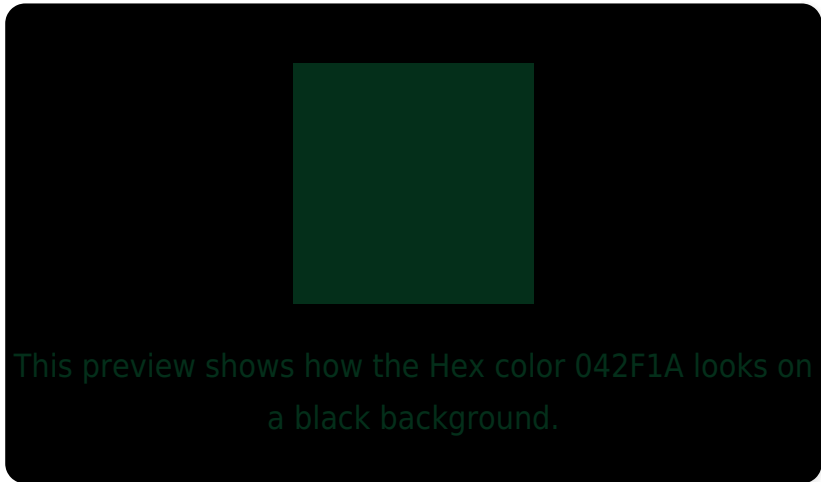
Large Text (above 18pt) WCAG AA ✓ Pass

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

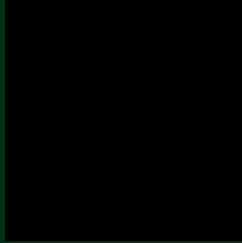
Any Text WCAG AA × Fail

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 042F1A Background



This preview shows how black text looks on a background with the Hex color 042F1A.



This preview shows how white text looks on a background with the Hex color 042F1A.

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
042F1A

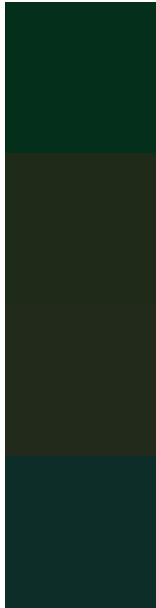
Protanopia
2D2918

Deuteranopia
31271C



Tritanopia
122C30

Trichromacy



Original Color
042F1A

Protanomaly
1E2B19

Deuteranomaly
212A1B

Tritanomaly
0D2D28

Monochromacy



Original Color
042F1A

Achromatopsia
202020

Achromatomaly
16251E

CSS Examples

Text

The CSS property to change the color of the text to Hex 042F1A 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 #042F1A looks like.

```
.text, #text, p{  
    color:#042F1A  
}
```

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 #042F1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #042F1A
}
```

Border

The CSS property to change the border of an element to Hex 042F1A 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
#042F1A }
```

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

```
.border{ border-color:#042F1A }
```

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

Here you see how a box with a 4 pixel #042F1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #042F1A; -webkit-box-shadow:4px 4px  
4px 4px #042F1A; box-shadow:4px 4px 4px  
4px #042F1A }
```

Background

The CSS property to change the background color of an element to Hex 042F1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#042F1A }
```

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

```
.background{ background-color:#042F1A }
```

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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