

Converting Colors

Hex(042E18)

Have a look what the booklet for
Hex(042E18) contains.

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Color

Hex(042E18)

Conversions

Conversions Part 1

Format	Color
Hex	042E18
RGB	4, 46, 24
RGB Percent	2%, 18%, 9%
CMY	0.9843, 0.8196, 0.9059
CMYK	0.91, 0.00, 0.48, 0.82
HSL	149°, 84%, 10%
HSV	149°, 91%, 18%
XYZ	1.1919, 2.0458, 1.1962
YIQ	30.9340, -17.9700, -15.7460

Conversions

Conversions Part 2

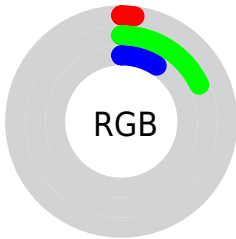
Format	Color
RYB	4, 32, 46
Decimal	273944
CIELab	15.73, -20.58, 10.24
CIELCh	16, 22.989, 153.554
Yxy	2.0458, 0.2688, 0.4614
Android (android.graphics.Color)	4278464024 (0xFF042E18)
YUV	30.9340, -3.4185, -23.6211
Hunter-Lab	14.3030, -10.1549, 5.0535

Details

The Hex color **042E18** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2E041A**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **345C43**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002E16**, and if you desaturate by 10%, it is **092E1A**.

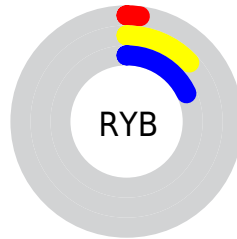
Distribution



Red (2%)

Green (18%)

Blue (9%)



Red (2%)

Yellow (13%)

Blue (18%)

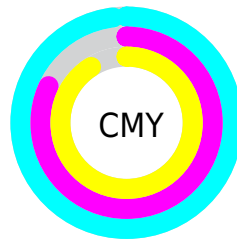


Cyan (91%)

Magenta (0%)

Yellow (48%)

Black (82%)



Cyan (98%)

Magenta (82%)


Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 042E18 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 042E18 by changing the saturation by 10% instead.

 042E18

 042E18

 ECFFFB

 001B00

 345C43

 000000

 4C755B

 658F73

 7EAA8D

 99C5A7

 B4E1C2

 D0FEDE

 042E18

 042E18

■ 002E16

■ 092E1A

■ 0D2E1D

■ 122E1F

■ 162E22

■ 1B2E24

■ 202E26

■ 242E29

■ 292E2B

■ 2D2E2E

Harmonies

Analogous

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



1E2B08



042E18



002F29

Triad

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



042E18



062848



431B16

Complementary

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



042E18



2E041A

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.



441826



042E18



2A2242

Square

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



042E18



002D44



3D1B36



3C2107

Rectangle

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



042E18



002F34



3D1B36



45191B

Sweetspot

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



042E18



2B3B32



1A2E04



151F19



9E9E9E



1F1F1F

Same Dimension

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



042E18



003B1C



042E2D



151716



005729



00D666

Inverse Universe

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



2E041A



3B001F



2E0405



171516



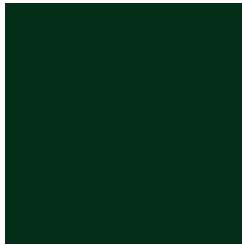
57002D



D60070

Previews

White Background



This preview shows how the Hex color 042E18 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

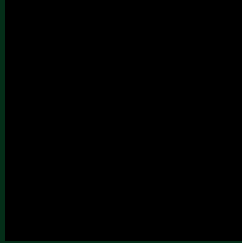
Any Text WCAG AA × Fail

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 042E18 Background



This preview shows how black text looks on a background with the Hex color 042E18.



This preview shows how white text looks on a background with the Hex color 042E18.

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
042E18

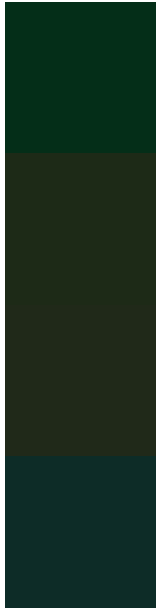
Protanopia
2C2816

Deuteranopia
30261A



Tritanopia
122B2F

Trichromacy



Original Color
042E18

Protanomaly
1D2A17

Deuteranomaly
202919

Tritanomaly
0D2C27

Monochromacy



Original Color
042E18

Achromatopsia
1F1F1F

Achromatomaly
15241C

CSS Examples

Text

The CSS property to change the color of the text to Hex 042E18 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 #042E18 looks like.

```
.text, #text, p{  
    color:#042E18  
}
```

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 #042E18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #042E18
}
```

Border

The CSS property to change the border of an element to Hex 042E18 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
#042E18 }
```

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

```
.border{ border-color:#042E18 }
```

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

Here you see how a box with a 4 pixel #042E18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #042E18; -webkit-box-shadow:4px 4px  
4px 4px #042E18; box-shadow:4px 4px 4px  
4px #042E18 }
```

Background

The CSS property to change the background color of an element to Hex 042E18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#042E18 }
```

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

```
.background{ background-color:#042E18 }
```

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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