

Converting Colors

Hex(052E18)

Have a look what the booklet for
Hex(052E18) contains.

Hex(052E18)	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(052E18)

Conversions

Conversions Part 1

Format	Color
Hex	052E18
RGB	5, 46, 24
RGB Percent	2%, 18%, 9%
CMY	0.9804, 0.8196, 0.9059
CMYK	0.89, 0.00, 0.48, 0.82
HSL	148°, 80%, 10%
HSV	148°, 89%, 18%
XYZ	1.2045, 2.0522, 1.1968
YIQ	31.2330, -17.3740, -15.5340

Conversions

Conversions Part 2

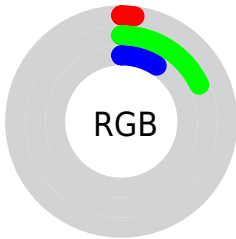
Format	Color
RYB	5, 33, 46
Decimal	339480
CIELab	15.76, -20.32, 10.29
CIELCh	16, 22.778, 153.148
Yxy	2.0522, 0.2705, 0.4608
Android (android.graphics.Color)	4278529560 (0xFF052E18)
YUV	31.2330, -3.5659, -23.0063
Hunter-Lab	14.3255, -10.0618, 5.0746

Details

The Hex color **052E18** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2E051B**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **355C43**, 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 **0A2E1A**.

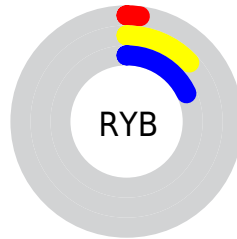
Distribution



Red (2%)

Green (18%)

Blue (9%)



Red (2%)

Yellow (13%)

Blue (18%)

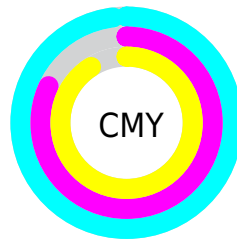


Cyan (89%)

Magenta (0%)

Yellow (48%)

Black (82%)



Cyan (98%)

Magenta (82%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 052E18 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 052E18 by changing the saturation by 10% instead.

 052E18

 052E18

 EDFFFB

 001B00

 355C43

 000000

 4D755B

 668F73

 7FAA8D

 9AC5A7

 B5E1C2

 D0FEDE

 052E18

 052E18

■ 002E16

■ 0A2E1A

■ 002E15

■ 0E2E1D

■ 132E1F

■ 172E22

■ 1C2E24

■ 212E27

■ 252E29

■ 2A2E2C

■ 2E2E2E

Harmonies

Analogous

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



1E2B09



052E18



002F29

Triad

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



052E18



062947



431B17

Complementary

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



052E18



2E051B

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



052E18



2A2242

Square

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



052E18



002D44



3C1C36



3C2107

Rectangle

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



052E18



002F33



3C1C36



451A1C

Sweetspot

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



052E18



2B3B32



1C2E05



151F19



9E9E9E



1F1F1F

Same Dimension

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



052E18



003B1B



052E2C



151716



005728



00D663

Inverse Universe

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



2E051B



3B001F



2E0507



171516



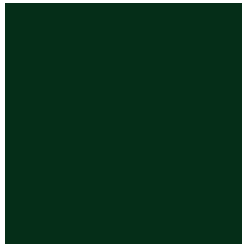
57002F



D60073

Previews

White Background



This preview shows how the Hex color 052E18 looks on a white background.

Color Contrast Check

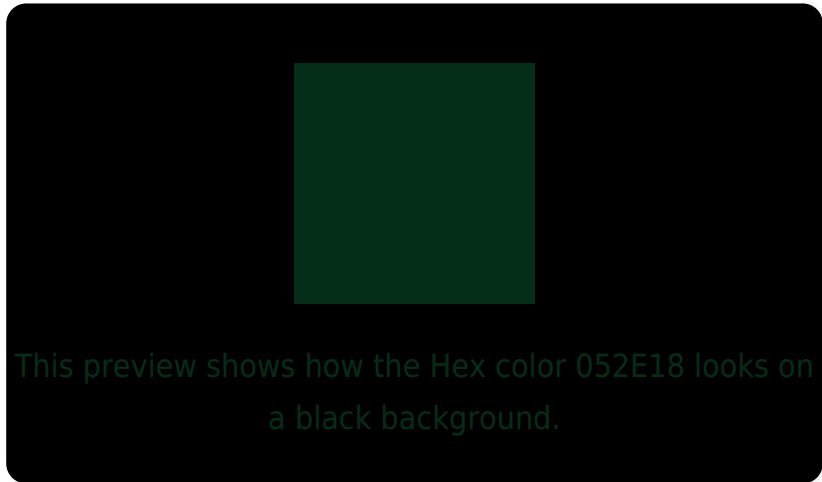
Large Text (above 18pt) WCAG AA ✓ Pass

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

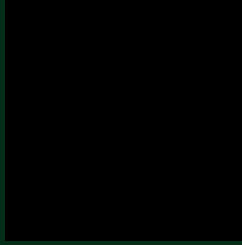
Any Text WCAG AA × Fail

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 052E18 Background



This preview shows how black text looks on a background with the Hex color 052E18.



This preview shows how white text looks on a background with the Hex color 052E18.

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
052E18

Protanopia
2C2816

Deuteranopia
30261A



Tritanopia
122B2F

Trichromacy



Original Color
052E18

Protanomaly
1E2A17

Deuteranomaly
202919

Tritanomaly
0D2C27

Monochromacy



Original Color
052E18

Achromatopsia
1F1F1F

Achromatomaly
16241C

CSS Examples

Text

The CSS property to change the color of the text to Hex 052E18 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 #052E18 looks like.

```
.text, #text, p{  
    color:#052E18  
}
```

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 #052E18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #052E18
}
```

Border

The CSS property to change the border of an element to Hex 052E18 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
#052E18 }
```

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

```
.border{ border-color:#052E18 }
```

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

Here you see how a box with a 4 pixel #052E18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #052E18; -webkit-box-shadow:4px 4px  
4px 4px #052E18; box-shadow:4px 4px 4px  
4px #052E18 }
```

Background

The CSS property to change the background color of an element to Hex 052E18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#052E18 }
```

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

```
.background{ background-color:#052E18 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor