

Converting Colors

Hex(052E2E)

Have a look what the booklet for
Hex(052E2E) contains.

Hex(052E2E)	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(052E2E)

Conversions

Conversions Part 1

Format	Color
Hex	052E2E
RGB	5, 46, 46
RGB Percent	2%, 18%, 18%
CMY	0.9804, 0.8196, 0.8196
CMYK	0.89, 0.00, 0.00, 0.82
HSL	180°, 80%, 10%
HSV	180°, 89%, 18%
XYZ	1.5327, 2.1835, 2.9254
YIQ	33.7410, -24.4360, -8.6920

Conversions

Conversions Part 2

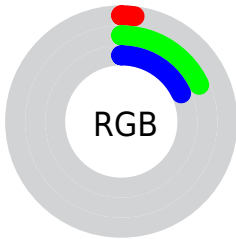
Format	Color
R_{YB}	5, 26, 46
Decimal	339502
CIE _{Lab}	16.42, -13.43, -4.00
CIE _{LCh}	16, 14.013, 196.592
Yxy	2.1835, 0.2308, 0.3288
Android (android.graphics.Color)	4278529582 (0xFF052E2E)
YUV	33.7410, 6.0437, -25.2059
Hunter-Lab	14.7767, -7.3442, -1.3943

Details

The Hex color **052E2E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2E0505**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **375C5C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002E2E**, and if you desaturate by 10%, it is **0A2E2E**.

Distribution



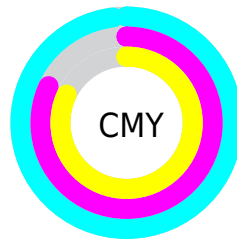
- Red (2%)
- Green (18%)
- Blue (18%)



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



- Cyan (89%)
- Magenta (0%)
- Yellow (0%)
- Black (82%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 052E2E 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 052E2E by changing the saturation by 10% instead.

 052E2E

 052E2E

 F0FFFF

 001A19

 375C5C

 000000

 4F7574

 688E8E

 81A9A8

 9CC4C3

 B7E0DF

 D3FDFC

 052E2E

 052E2E

■ 002E2E

■ 0A2E2E

■ 0E2E2E

■ 132E2E

■ 172E2E

■ 1C2E2E

■ 212E2E

■ 252E2E

■ 2A2E2E

■ 2E2E2E

Harmonies

Analogous

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



122E24



052E2E



042D37

Triad

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



052E2E



312436



332715

Complementary

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



052E2E



2E0505

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.



3A231B



052E2E



39212E

Square

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



052E2E



23283C



3C2123



2A2A15

Rectangle

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



052E2E



0D2C3B



3C2123



362517

Sweetspot

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



052E2E



2B3B3B



052E05



151F1F



9E9E9E



1F1F1F

Same Dimension

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



052E2E



003B3B



051A2E



151717



005757



00D6D6

Inverse Universe

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



2E052E



3B003B



2E1A05



171517



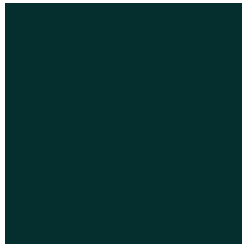
570057



D600D6

Previews

White Background



This preview shows how the Hex color 052E2E 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

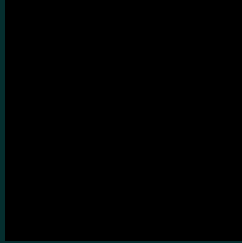
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

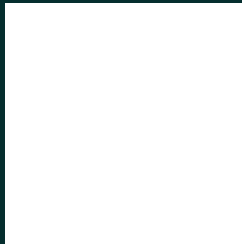
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 052E2E Background



This preview shows how black text looks on a background with the Hex color 052E2E.



This preview shows how white text looks on a background with the Hex color 052E2E.

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
052E2E

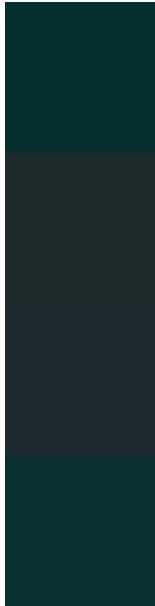
Protanopia
29292B

Deuteranopia
2A282F



Tritanopia
092E31

Trichromacy



Original Color
052E2E

Protanomaly
1C2B2C

Deuteranomaly
1D2A2F

Tritanomaly
082E30

Monochromacy



Original Color
052E2E

Achromatopsia
222222

Achromatomaly
172626

CSS Examples

Text

The CSS property to change the color of the text to Hex 052E2E 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 #052E2E looks like.

```
.text, #text, p{  
  color:#052E2E  
}
```

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 #052E2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #052E2E
}
```

Border

The CSS property to change the border of an element to Hex 052E2E 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
#052E2E }
```

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

```
.border{ border-color:#052E2E }
```

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

Here you see how a box with a 4 pixel #052E2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #052E2E; -webkit-box-shadow:4px 4px  
4px 4px #052E2E; box-shadow:4px 4px 4px  
4px #052E2E }
```

Background

The CSS property to change the background color of an element to Hex 052E2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#052E2E }
```

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

```
.background{ background-color:#052E2E }
```

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