

Converting Colors

Hex(072D2B)

Have a look what the booklet for
Hex(072D2B) contains.

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Color

Hex(072D2B)

Conversions

Conversions Part 1

Format	Color
Hex	072D2B
RGB	7, 45, 43
RGB Percent	3%, 18%, 17%
CMY	0.9725, 0.8235, 0.8314
CMYK	0.84, 0.00, 0.04, 0.82
HSL	177°, 73%, 10%
HSV	177°, 84%, 18%
XYZ	1.4621, 2.0964, 2.6131
YIQ	33.4100, -22.0060, -8.6780

Conversions

Conversions Part 2

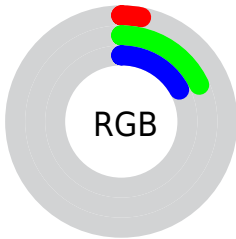
Format	Color
RYB	7, 27, 45
Decimal	470315
CIELab	15.99, -13.52, -2.54
CIELCh	16, 13.754, 190.653
Yxy	2.0964, 0.2369, 0.3397
Android (android.graphics.Color)	4278660395 (0xFF072D2B)
YUV	33.4100, 4.7279, -23.1616
Hunter-Lab	14.4788, -7.3132, -0.5653

Details

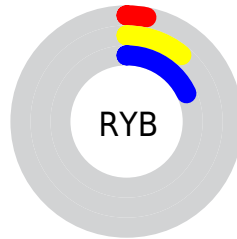
The Hex color **072D2B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2D0709**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **375B58**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **022D2B**, and if you desaturate by 10%, it is **0B2D2B**.

Distribution



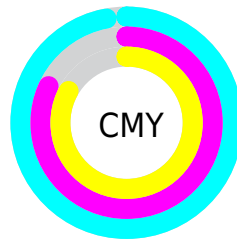
- Red (3%)
- Green (18%)
- Blue (17%)



- Red (3%)
- Yellow (11%)
- Blue (18%)



- Cyan (84%)
- Magenta (0%)
- Yellow (4%)
- Black (82%)



- Cyan (97%)
- Magenta (82%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 072D2B 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 072D2B by changing the saturation by 10% instead.

072D2B

072D2B

F0FFFF

001917

375B58

000000

4F7471

688D8A

82A8A4

9CC3BF

B7DFDB

D3FCF8

072D2B

072D2B

■ 022D2B

■ 0B2D2B

■ 002D2B

■ 102D2B

■ 142D2C

■ 192D2C

■ 1D2D2C

■ 222D2C

■ 272D2D

■ 2B2D2D

■ 2F2D2D

Harmonies

Analogous

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



142C21



072D2B



032C34

Triad

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



072D2B



2D2437



342515

Complementary

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



072D2B



2D0709

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.



39221B



072D2B



37212E

Square

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



072D2B



1F283B



3B2025



2B2814

Rectangle

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



072D2B



092B38



3B2025



362417

Sweetspot

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



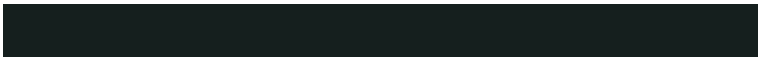
072D2B



2C3B3A



0A2D07



151F1E



9E9E9E



1F1F1F

Same Dimension

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



072D2B



003B38



071D2D



151717



005752



00D6CB

Inverse Universe

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



2D0709



3B0003



2D1707



171515



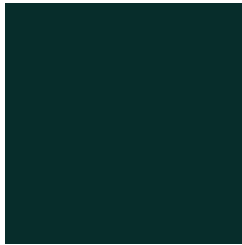
570005



D6000B

Previews

White Background



This preview shows how the Hex color 072D2B looks on a white background.

Color Contrast Check

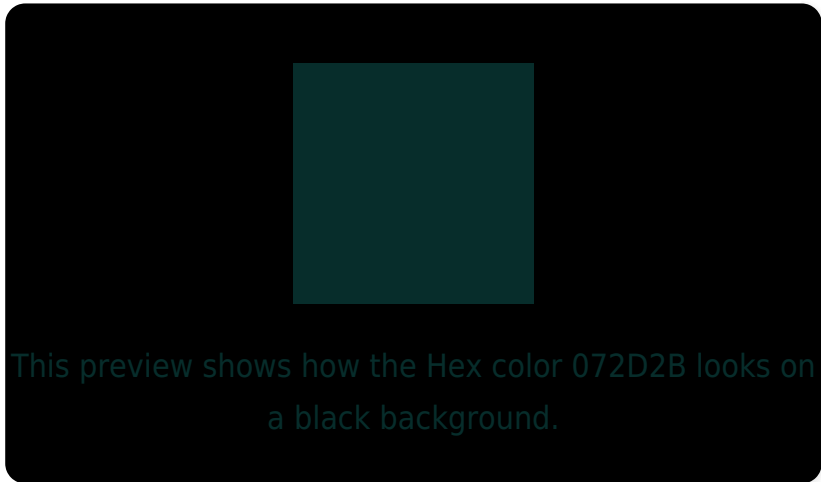
Large Text (above 18pt) WCAG AA ✓ Pass

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

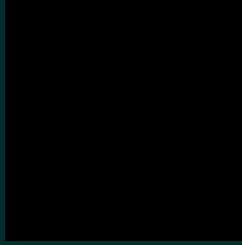
Any Text WCAG AA × Fail

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 072D2B Background



This preview shows how black text looks on a background with the Hex color 072D2B.



This preview shows how white text looks on a background with the Hex color 072D2B.

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

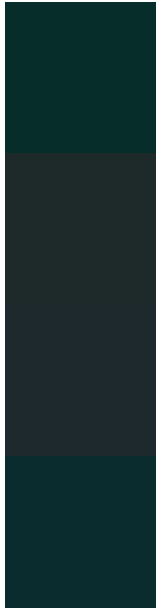


Original Color
072D2B

Protanopia
292828

Deuteranopia
2A272C

Trichromacy



Original Color
072D2B

Protanomaly
1D2A29

Deuteranomaly
1D292C

Tritanomaly
0A2C2E

Monochromacy



Original Color
072D2B

Achromatopsia
212121

Achromatomaly
182525

CSS Examples

Text

The CSS property to change the color of the text to Hex 072D2B 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 #072D2B looks like.

```
.text, #text, p{  
    color:#072D2B  
}
```

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 #072D2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #072D2B
}
```

Border

The CSS property to change the border of an element to Hex 072D2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

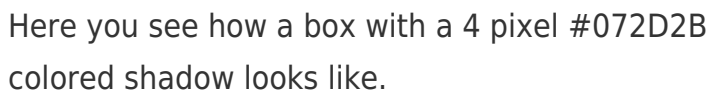
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#072D2B }
```

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

```
.border{ border-color:#072D2B }
```

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



Here you see how a box with a 4 pixel #072D2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #072D2B; -webkit-box-shadow:4px 4px  
4px 4px #072D2B; box-shadow:4px 4px 4px  
4px #072D2B }
```

Background

The CSS property to change the background color of an element to Hex 072D2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#072D2B }
```

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

```
.background{ background-color:#072D2B }
```

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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