

# Converting Colors

Hex(075C2B)

Have a look what the booklet for  
Hex(075C2B) contains.

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# Color

Hex(075C2B)

# Conversions

## Conversions Part 1

Format	Color
Hex	075C2B
RGB	7, 92, 43
RGB Percent	3%, 36%, 17%
CMY	0.9725, 0.6392, 0.8314
CMYK	0.92, 0.00, 0.53, 0.64
HSL	145°, 86%, 19%
HSV	145°, 92%, 36%
XYZ	4.3508, 7.8739, 3.5760
YIQ	60.9990, -34.9310, -33.2590

# Conversions

## Conversions Part 2

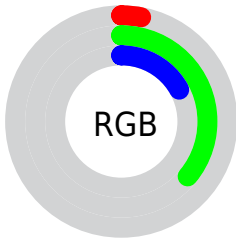
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 67, 92
Decimal	482347
CIELab	33.72, -35.44, 21.67
CIELCh	34, 41.546, 148.555
Yxy	7.8739, 0.2754, 0.4983
Android (android.graphics.Color)	4278672427 (0xFF075C2B)
YUV	60.9990, -8.8735, -47.3571
Hunter-Lab	28.0604, -21.4291, 12.0864

# Details

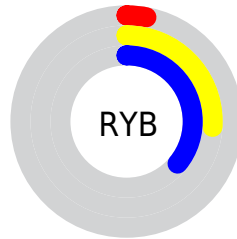
The Hex color **075C2B** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5C0738**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **458F5A**, and **002D00** is the 20% darker color. If you saturate the color by 10%, you get **005C27**, and if you desaturate by 10%, it is **105C30**.

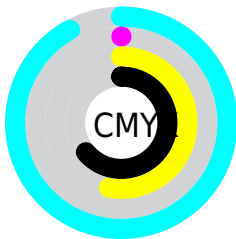
# Distribution



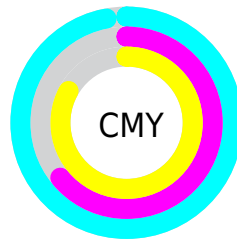
- Red (3%)
- Green (36%)
- Blue (17%)



- Red (3%)
- Yellow (26%)
- Blue (36%)



- Cyan (92%)
- Magenta (0%)
- Yellow (53%)
- Black (64%)



- Cyan (97%)
- Magenta (64%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 075C2B 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 075C2B by changing the saturation by 10% instead.



 075C2B

 075C2B

FFFFFF

 004415

 458F5A

 002D00

 60AA72

 001500

 7BC68C

 000000

 96E2A7

 B2FFC2

 CEFFDE

 EBFFFB

 075C2B

 075C2B

■ 005C27

■ 105C30

■ 195C36

■ 235C3B

■ 2C5C40

■ 355C46

■ 3E5C4B

■ 475C50

■ 515C55

■ 5A5C5B

# Harmonies

## Analogous

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



40570E



075C2B



005E4D

# Triad

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



075C2B



005491



893332

# Complementary

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



075C2B



5C0738

# 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.



882F52



075C2B



4C4789

# Square

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



075C2B



005B87



753872



7A4016

# Rectangle

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



075C2B



005F63



753872



8A303C



# Sweetspot

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



075C2B



567865



395C07



283D31



BDBDBD



3D3D3D



# Same Dimension

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



075C2B



007833



075C55



292E2B



006E2E



00ED64



# Inverse Universe

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



5C0738



780045



5C070E



2E292C



6E003F



ED0089



# Previews

## White Background



This preview shows how the Hex color 075C2B looks on a white background.

## Color Contrast Check

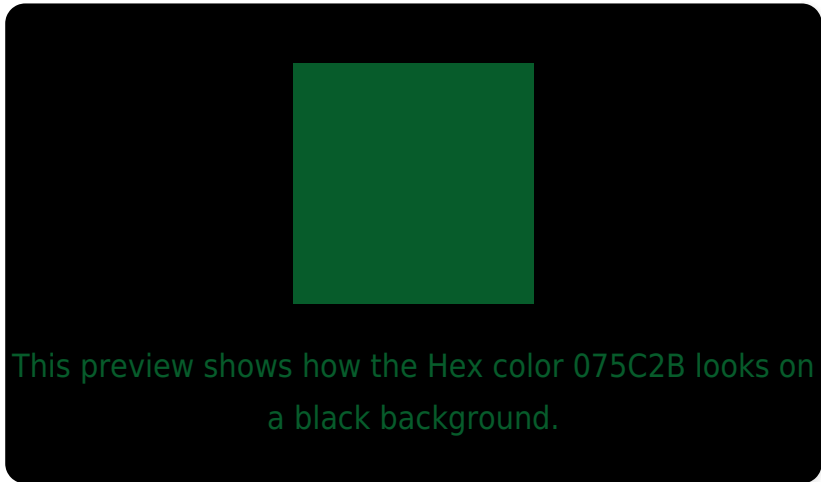
Large Text (above 18pt) WCAG AA ✓ Pass

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

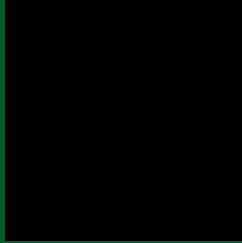
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 075C2B Background



This preview shows how black text looks on a background with the Hex color 075C2B.



This preview shows how white text looks on a background with the Hex color 075C2B.

# 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**  
075C2B

**Protanopia**  
584F27

**Deuteranopia**  
604C2F



# Trichromacy



**Original Color**  
075C2B

**Protanomaly**  
3B5428

**Deuteranomaly**  
40522E

**Tritanomaly**  
19594B

# Monochromacy



**Original Color**  
075C2B

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
294836

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 075C2B 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 #075C2B looks like.

```
.text, #text, p{  
    color:#075C2B  
}
```

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 #075C2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #075C2B
}
```

## Border

The CSS property to change the border of an element to Hex 075C2B 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".

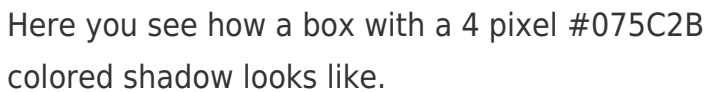
```
.border, #border, table{ border:4px solid
#075C2B }
```

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

```
.border{ border-color:#075C2B }
```

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

Here you see how a box with a 4 pixel #075C2B colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #075C2B; -webkit-box-shadow:4px 4px  
4px 4px #075C2B; box-shadow:4px 4px 4px  
4px #075C2B }
```

# Background

The CSS property to change the background color of an element to Hex 075C2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#075C2B }
```

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

```
.background{ background-color:#075C2B }
```

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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