

# Converting Colors

Hex(00762B)

Have a look what the booklet for  
Hex(00762B) contains.

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**Color**

**Hex(00762B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00762B
RGB	0, 118, 43
RGB Percent	0%, 46%, 17%
CMY	1.0000, 0.5373, 0.8314
CMYK	1.00, 0.00, 0.64, 0.54
HSL	142°, 100%, 23%
HSV	142°, 100%, 46%
XYZ	6.9145, 13.1313, 4.4557
YIQ	74.1680, -46.2530, -48.3410

# Conversions

## Conversions Part 2

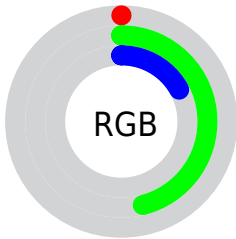
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 86, 118
Decimal	30251
CIELab	42.96, -45.41, 32.74
CIELCh	43, 55.982, 144.215
Yxy	13.1313, 0.2822, 0.5359
Android (android.graphics.Color)	4278220331 (0xFF00762B)
YUV	74.1680, -15.3658, -65.0453
Hunter-Lab	36.2371, -29.3550, 18.0758

# Details

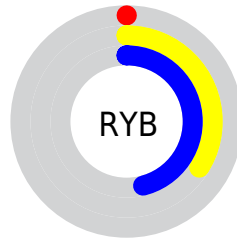
The Hex color **00762B** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **76004B**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **4CAB5B**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **00762B**, and if you desaturate by 10%, it is **0C7632**.

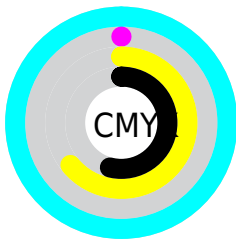
# Distribution



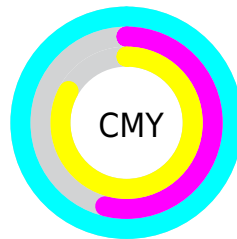
- Red (0%)
- Green (46%)
- Blue (17%)



- Red (0%)
- Yellow (34%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00762B 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 00762B by changing the saturation by 10% instead.



 00762B

 00762B

FFFFFF

 005D13

 4CAB5B

 004400

 68C775

 002D00

 84E38F

 001200

 A1FFAA

 000000

 BDFFC5

 DAFFE1

 F8FFFE

 00762B

 0C7632

 18763A

 237642

 2F7649

 3B7650

 477658

 53765F

 5E7667

 6A766E

# Harmonies

## Analogous

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



566E00



00762B



007A5B

# Triad

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



00762B



006EC2



B63843

# Complementary

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



00762B



76004B

# 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.



B23470



00762B



505DBB

# Square

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



00762B



0077B0



94469C



A34D17

# Rectangle

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



00762B



007A7B



94469C



B73452



# Sweetspot

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



00762B



6B997C



4D7600



314D3B



CCCCCC



4D4D4D



# Same Dimension

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



00762B



009938



007664



353B37



007A2D



00FA5B



# Inverse Universe

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



76004B



990061



760012



3B3539



7A004E



FA009F



# Previews

## White Background



This preview shows how the Hex color 00762B looks on a white background.

## Color Contrast Check

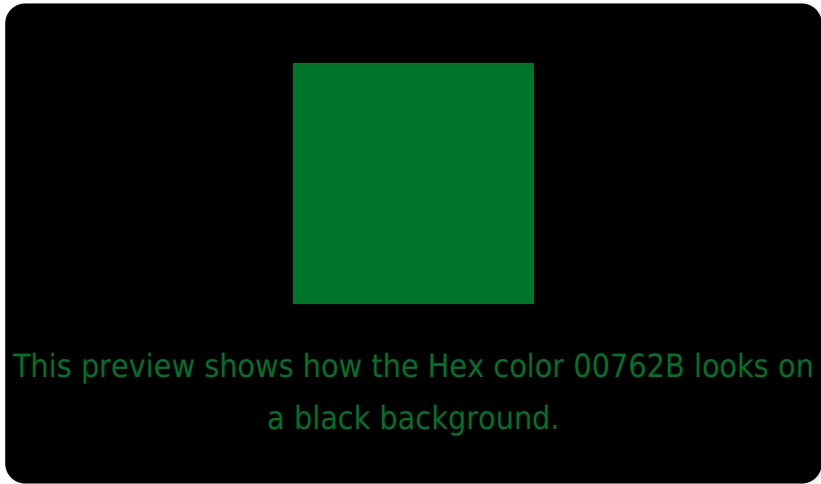
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 00762B Background



This preview shows how black text looks on a background with the Hex color 00762B.



This preview shows how white text looks on a background with the Hex color 00762B.

# 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**  
00762B

**Protanopia**  
716526

**Deuteranopia**  
7D6032



**Tritanopia**  
2F6E77

# Trichromacy



**Original Color**  
00762B



**Protanomaly**  
486B28



**Deuteranomaly**  
50682F



**Tritanomaly**  
1E715B

# Monochromacy



**Original Color**  
00762B



**Achromatopsia**  
4A4A4A



**Achromatomaly**  
2F5A3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00762B 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 #00762B looks like.

```
.text, #text, p{  
    color:#00762B  
}
```

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 #00762B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00762B
}
```

## Border

The CSS property to change the border of an element to Hex 00762B 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
#00762B }
```

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

```
.border{ border-color:#00762B }
```

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

Here you see how a box with a 4 pixel #00762B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00762B; -webkit-box-shadow:4px 4px  
4px 4px #00762B; box-shadow:4px 4px 4px  
4px #00762B }
```

# Background

The CSS property to change the background color of an element to Hex 00762B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00762B }
```

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

```
.background{ background-color:#00762B }
```

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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