

# Converting Colors

Hex(00762C)

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

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**Color**

**Hex(00762C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00762C
RGB	0, 118, 44
RGB Percent	0%, 46%, 17%
CMY	1.0000, 0.5373, 0.8275
CMYK	1.00, 0.00, 0.63, 0.54
HSL	142°, 100%, 23%
HSV	142°, 100%, 46%
XYZ	6.9331, 13.1387, 4.5535
YIQ	74.2820, -46.5740, -48.0300

# Conversions

## Conversions Part 2

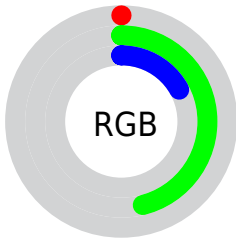
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 86, 118
Decimal	30252
CIELab	42.97, -45.27, 32.25
CIELCh	43, 55.589, 144.534
Yxy	13.1387, 0.2815, 0.5335
Android (android.graphics.Color)	4278220332 (0xFF00762C)
YUV	74.2820, -14.9290, -65.1453
Hunter-Lab	36.2474, -29.2911, 17.9250

# Details

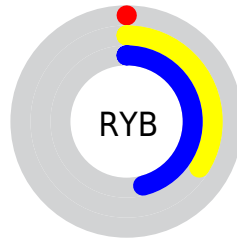
The Hex color **00762C** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **76004A**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **4CAB5C**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **00762C**, and if you desaturate by 10%, it is **0C7633**.

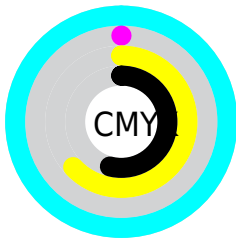
# Distribution



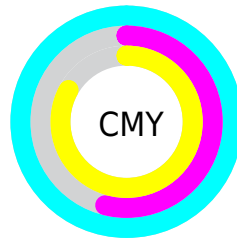
- Red (0%)
- Green (46%)
- Blue (17%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (54%)



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

# Brightness & Saturation Gradients

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





00762C



00762C

FFFFFF



005D14



4CAB5C



004400



68C776



002D00



84E390



001200



A0FFAB



000000



BDFFC6



DAFFE3



F8FFFF



00762C

 0C7633

 18763B

 237642

 2F764A

 3B7651

 477658

 537660

 5E7667

 6A766F

# Harmonies

## Analogous

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



566E00



00762C



007A5B

# Triad

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



00762C



006EC2



B53942

# Complementary

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



00762C



76004A

# 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



00762C



525DBA

# Square

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



00762C



0077B0



94479C



A34D18

# Rectangle

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



00762C



007A7B



94479C



B73551



# Sweetspot

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



00762C



6B997C



4B7600



314D3B



CCCCCC



4D4D4D



# Same Dimension

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



00762C



009939



007666



353B37



007A2E



00FA5D



# Inverse Universe

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



76004A



990060



760010



3B3538



7A004D



FA009D



# Previews

## White Background



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

## Color Contrast Check

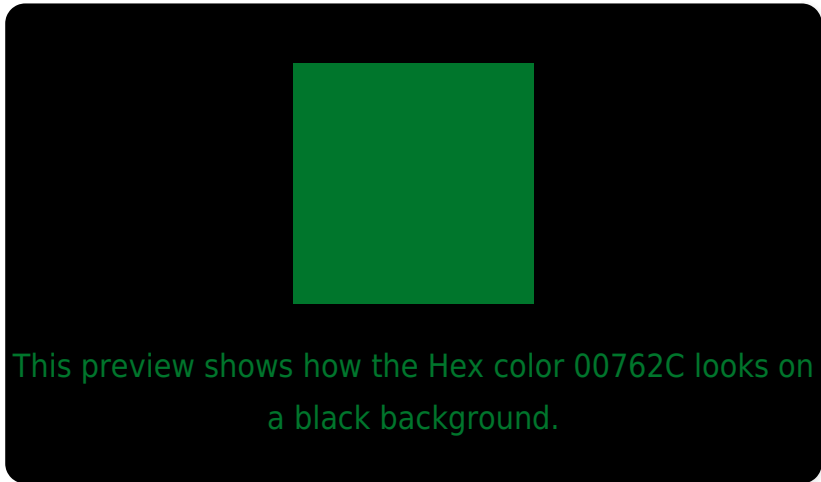
Large Text (above 18pt) WCAG AA ✓ Pass

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 00762C Background



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



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

# 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**  
00762C

**Protanopia**  
716527

**Deuteranopia**  
7D6032



**Tritanopia**  
2F6F77

# Trichromacy



**Original Color**  
00762C



**Protanomaly**  
486B29



**Deuteranomaly**  
506830



**Tritanomaly**  
1E725C

# Monochromacy



**Original Color**  
00762C



**Achromatopsia**  
4A4A4A



**Achromatomaly**  
2F5A3F

# CSS Examples

## Text

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

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

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 #00762C colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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