

Converting Colors

Hex(00672B)

Have a look what the booklet for
Hex(00672B) contains.

Hex(00672B)	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(00672B)

Conversions

Conversions Part 1

Format	Color
Hex	00672B
RGB	0, 103, 43
RGB Percent	0%, 40%, 17%
CMY	1.0000, 0.5961, 0.8314
CMYK	1.00, 0.00, 0.58, 0.60
HSL	145°, 100%, 20%
HSV	145°, 100%, 40%
XYZ	5.2863, 9.8749, 3.9129
YIQ	65.3630, -42.1280, -40.4960

Conversions

Conversions Part 2

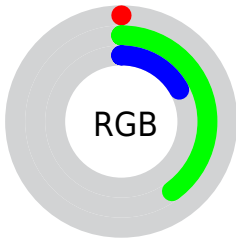
Format	Color
RYB	0, 73, 103
Decimal	26411
CIELab	37.62, -40.25, 26.44
CIELCh	38, 48.160, 146.697
Yxy	9.8749, 0.2771, 0.5177
Android (android.graphics.Color)	4278216491 (0xFF00672B)
YUV	65.3630, -11.0250, -57.3234
Hunter-Lab	31.4244, -24.9649, 14.6143

Details

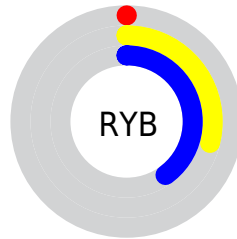
The Hex color **00672B** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **67003C**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **479B5A**, and **003600** is the 20% darker color. If you saturate the color by 10%, you get **00672B**, and if you desaturate by 10%, it is **0A6731**.

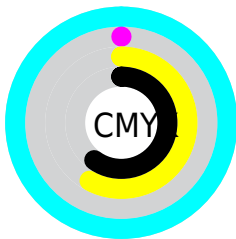
Distribution



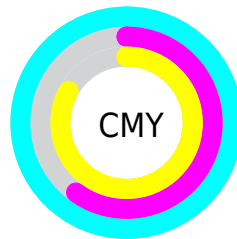
- Red (0%)
- Green (40%)
- Blue (17%)



- Red (0%)
- Yellow (29%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (58%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00672B 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 00672B by changing the saturation by 10% instead.

 00672B

 00672B

FFFFFF

 004E14

 479B5A

 003600

 62B673

 002200

 7DD28D

 000000

 99EFA8

 B5FFC3

 D2FFDF

 EFFFFC

 00672B

 0A6731

 156737

 1F673D

 296743

 346749

 3E674F

 486755

 52675B

 5D6761

Harmonies

Analogous

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



496004



00672B



006A53

Triad

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



00672B



005FA7



9C3538

Complementary

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



00672B



67003C

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.



9B305F



00672B



4F509F

Square

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



00672B



006799



833E84



8B4515

Rectangle

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



00672B



006A6E



833E84



9E3145

Sweetspot

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



00672B



5F8770



3C6700



2C4536



C4C4C4



454545

Same Dimension

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



00672B



008738



00675E



2E3330



007330



00F265

Inverse Universe

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



67003C



87004F



670009



332E31



730043



F2008D

Previews

White Background



This preview shows how the Hex color 00672B looks on a white background.

Color Contrast Check

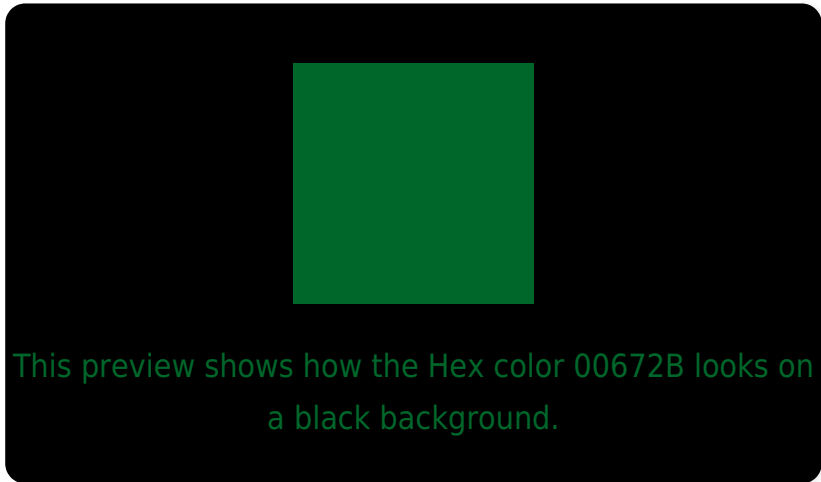
Large Text (above 18pt) WCAG AA ✓ Pass

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

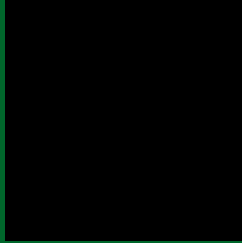
Any Text WCAG AA × Fail

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 00672B Background



This preview shows how black text looks on a background with the Hex color 00672B.



This preview shows how white text looks on a background with the Hex color 00672B.

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
00672B

Protanopia
625927

Deuteranopia
6C5430



Tritanopia
296169

Trichromacy



Original Color
00672B



Protanomaly
3E5E28



Deuteranomaly
455B2E



Tritanomaly
1A6352

Monochromacy



Original Color
00672B



Achromatopsia
414141



Achromatomaly
294F39

CSS Examples

Text

The CSS property to change the color of the text to Hex 00672B 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 #00672B looks like.

```
.text, #text, p{  
    color:#00672B  
}
```

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 #00672B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00672B
}
```

Border

The CSS property to change the border of an element to Hex 00672B 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
#00672B }
```

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

```
.border{ border-color:#00672B }
```

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

Here you see how a box with a 4 pixel #00672B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00672B; -webkit-box-shadow:4px 4px  
4px 4px #00672B; box-shadow:4px 4px 4px  
4px #00672B }
```

Background

The CSS property to change the background color of an element to Hex 00672B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00672B }
```

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

```
.background{ background-color:#00672B }
```

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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