

Converting Colors

Hex(00671D)

Have a look what the booklet for
Hex(00671D) contains.

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Color

Hex(00671D)

Conversions

Conversions Part 1

Format	Color
Hex	00671D
RGB	0, 103, 29
RGB Percent	0%, 40%, 11%
CMY	1.0000, 0.5961, 0.8863
CMYK	1.00, 0.00, 0.72, 0.60
HSL	137°, 100%, 20%
HSV	137°, 100%, 40%
XYZ	5.0720, 9.7892, 2.7846
YIQ	63.7670, -37.6340, -44.8500

Conversions

Conversions Part 2

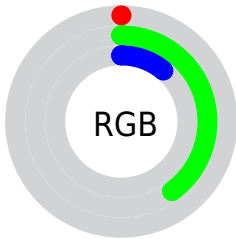
Format	Color
RYB	0, 80, 103
Decimal	26397
CIELab	37.46, -42.19, 33.25
CIELCh	37, 53.721, 141.761
Yxy	9.7892, 0.2874, 0.5548
Android (android.graphics.Color)	4278216477 (0xFF00671D)
YUV	63.7670, -17.1401, -55.9237
Hunter-Lab	31.2877, -25.8170, 16.6246

Details

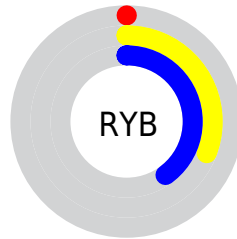
The Hex color **00671D** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **67004A**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **479B4D**, and **003600** is the 20% darker color. If you saturate the color by 10%, you get **00671D**, and if you desaturate by 10%, it is **0A6724**.

Distribution



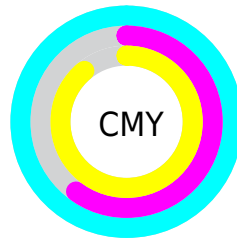
- Red (0%)
- Green (40%)
- Blue (11%)



- Red (0%)
- Yellow (31%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (72%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00671D 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 00671D by changing the saturation by 10% instead.

 00671D

 00671D

FFFFFF

 004E03

 479B4D

 003600

 63B666

 002100

 7ED280

 000000

 9AEF9A

 B6FFB5

 D3FFD1

 F0FFEE

 00671D

 0A6724

 15672C

 1F6733

 29673B

 346742

 3E6749

 486751

 526758

 5D6760

Harmonies

Analogous

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



4D5F00



00671D



006B4A

Triad

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



00671D



0061AF



A32A3B

Complementary

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



00671D



67004A

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.



9E2866



00671D



3952A9

Square

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



00671D



00699C



803C8E



933F11

Rectangle

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



00671D



006B69



803C8E



A42649

Sweetspot

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



00671D



5F876A



4C6700



2C4533



C4C4C4



454545

Same Dimension

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



00671D



008726



00674F



2E332F



007320



00F244

Inverse Universe

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



67004A



870061



670018



332E32



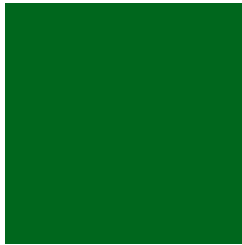
730052



F200AE

Previews

White Background



This preview shows how the Hex color 00671D looks on a white background.

Color Contrast Check

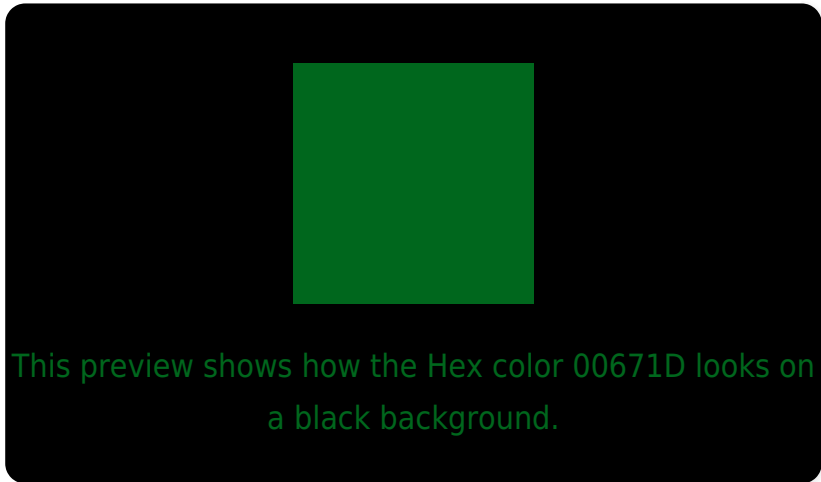
Large Text (above 18pt) WCAG AA ✓ Pass

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 00671D Background



This preview shows how black text looks on a background with the Hex color 00671D.



This preview shows how white text looks on a background with the Hex color 00671D.

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
00671D

Protanopia
635819

Deuteranopia
6E5424



Tritanopia
2A6068

Trichromacy



Original Color
00671D



Protanomaly
3F5D1A



Deuteranomaly
465B21



Tritanomaly
1B634D

Monochromacy



Original Color
00671D



Achromatopsia
404040



Achromatomaly
294E33

CSS Examples

Text

The CSS property to change the color of the text to Hex 00671D 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 #00671D looks like.

```
.text, #text, p{  
    color:#00671D  
}
```

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 #00671D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00671D
}
```

Border

The CSS property to change the border of an element to Hex 00671D 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".

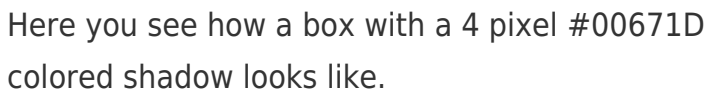
```
.border, #border, table{ border:4px solid
#00671D }
```

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

```
.border{ border-color:#00671D }
```

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

Here you see how a box with a 4 pixel #00671D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00671D; -webkit-box-shadow:4px 4px  
4px 4px #00671D; box-shadow:4px 4px 4px  
4px #00671D }
```

Background

The CSS property to change the background color of an element to Hex 00671D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00671D }
```

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

```
.background{ background-color:#00671D }
```

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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